

H. CANNELL & SONS

COMPLETE CATALOGUE
of their own grown

KENTISH
PERFECT
GOLDEN SEEDS

H. CANNELL & SONS'

Highest Titled Patrons.

H.R.H. THE PRINCE OF WALES.
H.R.H. THE DUKE OF EDINBURGH.
H.R.H. THE DUKE OF CONNAUGHT.
H.M. THE EMPEROR OF GERMANY.
H.M. THE EMPEROR OF AUSTRIA.
H.M. THE SULTAN OF TURKEY
H.M. THE KING OF THE BELGIANS.
H.I.M. THE EMPRESS EUGENIE.
H.S.H. THE DUKE OF TECK.
H.R.H. THE DUCHESS OF ALBANY.

H.R.H. THE CROWN PRINCE OF DENMARK,
H.I.H. THE PRINCESS CONSTANTINE OF RUSSIA.
H.S.H. THE PRINCE VICTOR OF HOHENLOHE.
H.R.H. THE PRINCE OF SIAM.
H.H. PRINCE JOSEPH OF ARENBERG.
H.I.M. THE PRINCE OF MESTCHERSKY.
H.I.H. THE PRINCESS L. SAPIEHA.
H.S.H. THE PRINCESS DE MONACO.
H.M. THE SULTAN OF JEHOE.

His Grace the Duke of Fife.
His Grace the Duke of Norfolk
His Grace the Duke of Northumberland
His Grace the Duke of Buccleuch
His Grace the Duke of Bedford
His Grace the Duke of Portland
His Grace the Duke of Hamilton
His Grace the Duke of Cleveland
His Grace the Duke of Westminster
His Grace the Duke of Rutland
His Grace the Duke of Devonshire
His Grace the Duke of Marlborough
His Grace the Duke of Argyll
His Grace the Duke of Richmond and Gordon
His Grace the Duke of Sutherland
His Grace the Duke of Beaufort
His Grace the Duke of Grafton
His Grace the Duke of Wellington
His Grace the Duke of Manchester
His Grace the Duke of Athole
His Grace the Duke of Leeds

Her Grace the Duchess of Abercorn
Her Grace the Duchess of Bedford
Her Grace the Duchess of Montrose

The Most Hon. the Marquis of Lothian
The Most Hon. the Marquis of Bute
The Most Hon. the Marquis of Waterford
The Most Hon. the Marquis of Ely
The Most Hon. the Marquis of Abergavenny
The Most Hon. the Marquis of Ripon
The Most Hon. the Marquis of Normanby
The Most Hon. the Marquis of Salisbury
The Most Hon. the Marquis of Sligo
The Most Hon. the Marquis of Northampton
The Most Hon. the Marquis of Exeter
The Most Hon. the Marquis of Bristol
The Most Hon. the Marquis of Ailsa
The Most Hon. the Marquis of Anglesea
The Most Hon. the Marquis of Bath

The Most Hon. the Marchioness of Headfort
The Most Hon. the Marchioness of Londonderry
The Most Hon. the Marchioness of Cholmondeley
The Most Hon. the Marchioness of Drogheda

The Right Hon. the Earl of Mayo
The Right Hon. the Earl of Denbigh
The Right Hon. the Earl of Lytton
The Right Hon. the Earl of Annesley
The Right Hon. the Earl of Dartmouth
The Right Hon. the Earl of Dunraven
The Right Hon. the Earl of Malinsbury
The Right Hon. the Earl of Shrewsbury
The Right Hon. the Earl of Manserv
The Right Hon. the Earl of Jersey
The Right Hon. the Earl of Lovelace
The Right Hon. the Earl of Pembroke
The Right Hon. the Earl of Kinfurly
The Right Hon. the Earl of Eilesmere
The Right Hon. the Earl of Londesborough
The Right Hon. the Earl of Mar
The Right Hon. the Earl of Meath
The Right Hon. the Earl of Egmont
The Right Hon. the Earl of Strathmore
The Right Hon. the Earl of Rosebery
The Right Hon. the Earl of Clarendon
The Right Hon. the Earl of Hopetoun
The Right Hon. the Earl of Antrim
The Right Hon. the Earl of Beauchamp
The Right Hon. the Earl of Portsmouth
The Right Hon. the Earl of Darley
The Right Hon. the Earl of Coventry
The Right Hon. the Earl of Radnor
The Right Hon. the Earl of Carnarvon
The Right Hon. the Earl of Harrington
The Right Hon. the Earl of Essex
The Right Hon. the Earl of Lonsdale
The Right Hon. the Earl of Iddesleigh
The Right Hon. the Earl of Crawford
The Right Hon. the Earl of Cork
The Right Hon. the Earl of Carysfort
The Right Hon. the Earl of Morton
The Right Hon. the Earl of Aberdeen
The Right Hon. the Earl of Hereford
The Right Hon. the Earl of Erne
The Right Hon. the Earl of Kinnoul
The Right Hon. the Earl of Granard

The Right Hon. the Earl of Dalhousie
The Right Hon. the Earl of Portarlington
The Right Hon. the Earl of Southesk
The Right Hon. the Earl of Haddington
The Right Hon. the Earl of Wemyss
The Right Hon. the Earl of Rosslyn
The Right Hon. the Earl of Leicester
The Right Hon. the Earl of Powis
The Right Hon. the Earl of Lucan
The Right Hon. the Earl of Zetland
The Right Hon. the Earl of Sefton
The Right Hon. the Earl of Westmoreland

The Right Hon. Earl Temple
The Right Hon. Earl Lisburn
The Right Hon. Earl Fitz-William
The Right Hon. Earl Derby
The Right Hon. Earl Becket
The Right Hon. Earl Spencer
The Right Hon. Earl Sondes
The Right Hon. Earl Hardwicke
The Right Hon. Earl Kintore
The Right Hon. Earl Sandwich
The Right Hon. Earl Leitrim
The Right Hon. Earl Bathurst
The Right Hon. Earl Stanhope
The Right Hon. Earl Brownlow
The Right Hon. Earl Dufferin
The Right Hon. Earl Cathcart
The Right Hon. Earl Heytesbury
The Right Hon. Earl Granville
The Right Hon. Earl Ducie

The Right Hon. Viscount Bangor
The Right Hon. Viscount Monk
The Right Hon. Viscount Gage
The Right Hon. Viscount Halifax
The Right Hon. Viscount Hampden
The Right Hon. Viscount Melville
The Right Hon. Viscount Ashbrooke
The Right Hon. Viscount Lewisham
The Right Hon. Viscount Lismore
The Right Hon. Viscount Castlemaine
The Right Hon. Viscount Clifden
The Right Hon. Viscount Cranbrook
The Right Hon. Viscount Falmouth

The Right Hon. Viscountess Templetown
The Right Hon. Viscountess Chetwynd
The Right Hon. Viscountess Hambledon

The Right Hon. Countess Clancarty
The Right Hon. Countess Caledon
The Right Hon. Countess Norbury
The Right Hon. Countess of Craven
The Right Hon. Countess de Morello
The Right Hon. Countess Stanlord

The Right Hon. Count Messina
The Right Hon. Count Winterfeldt
The Right Hon. Count de Casteja

The Right Hon. Lord R. Churchill
The Right Hon. Lord Howard de Walden
The Right Hon. Lord Rothschild (Tring)
The Right Hon. Lord Walsingham
The Right Hon. Lord Tennyson
The Right Hon. Lord Ashtown
The Right Hon. Lord Melville
The Right Hon. Lord Dacre
The Right Hon. Lord Windsor
The Right Hon. Lord Poltmore
The Right Hon. Lord Gardener
The Right Hon. Lord Dunsany
The Right Hon. Lord Hillingdon
The Right Hon. Lord Lilford
The Right Hon. Lord Glanville
The Right Hon. Lord Arthur Russell
The Right Hon. Lord Suffield
The Right Hon. Lord Llanover
The Right Hon. Lord Chief Justice Palles
The Right Hon. Lord Sackville
The Right Hon. Lord Llangattock
The Right Hon. Lord Amherst
The Right Hon. Lord Brassey
The Right Hon. Lord Rossmore
The Right Hon. Lord Lyveden
The Right Hon. Lord Kinnaird
The Right Hon. Lord Clonbrock
The Right Hon. Lord Fernoy

The Right Hon. Lord Herries
The Right Hon. Lord Knutsford
The Right Hon. Lord Eustace Cecil
The Right Hon. Lord Masham
The Right Hon. Lord Zouche
The Right Hon. Lord Watson
The Right Hon. Lord Leconfield
The Right Hon. Lord Burton
The Right Hon. Lord Battersea
The Right Hon. Lord Northbourne
The Right Hon. Lord Fitz-Harding
The Right Hon. Lord Savile
The Right Hon. Lord Rendlesham
The Right Hon. Lord Grimthorpe
The Right Hon. Lord Raglan
The Right Hon. Lord Tredegar
The Right Hon. Lord Aberdare
The Right Hon. Lord Chesham
The Right Hon. Lord Clinton
The Right Hon. Lord Howard
The Right Hon. Lord Tollemache
The Right Hon. Lord Ardilaun
The Right Hon. Lord Harris
The Right Hon. Lord St. Oswald
The Right Hon. Lord de l'Isle
The Right Hon. Lord Brougham
The Right Hon. Lord Ormathwaite
The Right Hon. Lord Armstrong
The Right Hon. Lord Mayor of London
The Right Hon. Lord Arundel of Wardour

Baron H. de Worms
Baron Schroder
Baron Alphonse de Rothschild
Baron Adolphe de Rothschild
Baron F. de Rothschild (Aylesbury)
Baron T. Kint de Roodenbeke

Baroness Burdett-Coutts
Baroness de Rothschild (Gunnersbury)

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Sir Hy. Gooch Bt.
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Sir G. Russell Bt.
Sir R. B. Harvey
Sir T. G. Frost
Sir R. G. Raper Bt.
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Sir R. G. Musgrave Bt.
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Sir M. C. B. Cave Bt.
Sir J. H. Amory Bt.
Sir H. Williamson Bt.
Sir A. Neaves Bt.
Sir G. Codrington Bt.
Sir G. Jenkinson Bt.
Sir E. Dorrington
Sir H. Milnam Bt.
Sir J. Pender Bt.
Sir C. Oakley Bt.
Sir J. Goldsmid Bt.
Sir T. Earle Bt.
Sir W. C. Brooks Bt.
Sir T. G. F. Hesketh Bt.
Sir G. H. Beaumont Bt.
Sir A. Palmer Bt.
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Sir Jas. Whitehead, Bt.
Sir E. Gooch, Bt.
Sir J. Rowley, Bt.
Sir T. Paine
Sir E. Antrobus
Sir E. Saunders
Sir E. G. Moon, Bt.
Sir T. Brandreth, Bt.
Sir G. Bonham
Sir H. Doulton
Sir A. Fletcher, Bt.
Sir M. Hicks-Beach
Sir J. Kison, Bt.
Sir W. Wortley, Bt.
Sir G. Armytage, Bt.
Sir J. Walker, Bt.
Sir F. Milbank, Bt.

And Most of the Members of Parliament.

The Royal Parks, Hyde Park, Battersea Park, Myatt's Fields, Dulwich College, Houses of Parliament, Temple Gardens, Royal Courts of Justice, London County Council.

Russian Ministry of Foreign Affairs.

Botanic Gardens:—Graham's Town, Utrecht, Calcutta, Singapore, Cape Town, Johannesburg, Adelaide, San Francisco, La Crosse, Bergen Observatory, Birmingham, Ceylon, Jardin des Plantes, Dublin, Edinburgh, Japan, and many others.

H. CANNELL, Sen., H. CANNELL, Jun., R. CANNELL, E. CANNELL.



H. CANNELL & SONS,
Swanley, Kent.

DEAR SIR,

We have ventured to send you a list of public and other well-known establishments and institutions in various parts of the world we supply; and from the fact of us having such a large establishment, and exclusively horticultural, of the highest order, and in the best spot in England (300 acres), we can serve you in all probability better than any other firm—Seeds certainly so. We should have much pleasure in hearing from you. We only need a trial order to gain your confidence and recommendations.

H.M. THE QUEEN.
H.R.H. THE PRINCE OF WALES.
H.R.H. THE DUKE OF EDINBURGH.
H.R.H. THE DUKE OF CONNAUGHT.
H.M. THE EMPEROR OF GERMANY.
H.M. THE EMPEROR OF AUSTRIA.
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H.R.H. THE PRINCE OF SIAM.
H.I.L PRINCE JOSEPH OF AREMBERG.
H.I.I. THE PRINCE OF MESTCHERSKY.
H.R.H. THE PRINCESS L. SAPIEHA.
H.R.H. THE PRINCESS DE MONACO.
H.M. THE SULTAN OF JEHOE.

HORTICULTURAL SOCIETIES AND BOTANIC GARDENS.

Royal Botanic Gardens, Regent's Park.
Royal Gardens, Kew.
Royal Horticultural Society, Chiswick.
Dr. A. F. Bataline, Botanic Gardens, St. Petersburg.
W. G. C. Bennelburg, Esq., New Zealand Farmers' Association, Christchurch, New Zealand.
Mr. H. J. Chalwin, Botanic Gardens, Cape Town.
Mr. J. Craig, Central Experimental Farm, Ottawa, Canada.
Mr. B. H. Skilton, Public Gardens, Ajmere, India.
Mr. J. C. Smith, Curator, Botanic Gardens, Graaff Reinet, Cape of Good Hope.
H. Trinen, Esq., Botanic Gardens, Peradeniya, Ceylon.
Mr. J. A. Pettigrew, Superintendent, Lincoln Park, Chicago, U.S.A.
H. Ridley, Esq., Superintendent, Government Horticultural Gardens, Lucknow, India.
H. W. Ridley, Esq., Superintendent, Government Horticultural Gardens, Singapore, Straits Settlements.
Mr. W. A. Kennedy, Curator, Lloyd Botanic Gardens, Darjeeling, India.
Mr. J. Lorge, Chef de Culture, Zette, bei Brussels.
Mr. G. Longley, Curator, Botanic Gardens, Ballarat, Victoria, Australia.
Mr. J. Gray, Botanic Gardens, St. Lucia, West Indies.
M. Holtz, Esq., Curator, Botanic Gardens, Adelaide, Australia.
Mr. B. S. James, Curator, Public Gardens, Hamilton, Victoria, Australia.
Mr. P. Donand, Inspecteur d'Horticulture, Pornie (Loire Inferieure), France.
W. Fox, Esq., Superintendent, Botanic Gardens, Singapore.
Mr. W. Fawcett, Director of Public Gardens, Gordon Town, P.O., Jamaica.

Mr. C. F. W. Gentemann, Quincy Winter Garden, Quincy, Illinois, U.S.A.
Mr. W. F. Macpherson, Inspector of Lands, Port Fairy, Victoria, Australia.
Mr. A. A. McNab, Land Office, Invercargill, New Zealand.
H. C. Mitter, Esq., Institute of Horticulture, 69, Gun Foundry Road, Gosipore, India.
Mr. E. Tidmarsh, Botanic Gardens, Grahamstown, South Africa.
Mr. A. Fiet, Botanic Gardens, Groningen.
Mr. T. K. Budde, Potanic Gardens, Utrecht.
Mr. D. Dewar, Botanic Gardens, Glasgow.
Mr. E. Lynch, Cambridge.
Mr. Moore, Glasnevin, Dublin.
The Observatory, Bergen, Norway.
Mr. J. Jadoul, Public Parks and Squares, Lille, France.

PARKS.

Mr. J. Berry, Superintendent, Connanght Park, Dover.
Mr. W. Brown, Superintendent, Hyde Park, W.
Mr. J. Lawrence, Superintendent, West Ham Park, E.
Mr. Melville, Finsbury Park.
Mr. Brooks, Halifax Park.
L. C. C., Battersea Park.
L. C. C., Myatt's Fields.
Mr. Graham, Hampton Court.
Sheerness Local Board.
Brighton Pavilion Gardens.

CORPORATIONS.

Cheltenham, Mr. J. Hall, Surveyor.
Sunderland, Mr. Hall, Head Gardener, Mowbray Park.
Mr. J. Carline, Board of Works, Rushey Green, Catford, S.E.
Gravesend, Mr. Gould, Surveyor.

HOMES.

Holloway Sanatorium.
Mr. M. P. Cotter, Children's Home, Cabra, Dublin.
St. Michael's Home, Axbridge, Somerset.
The Rev. Mother, St. Joseph's Convalescent Home, Bourne-mouth.
Gordon Boys' Home, Chobham, Woking, Lieut.-Col. J. B. Walker.
Convalescent Home, Parkwood, Swanley, S.O., Mr. Searing.
Kettlewell Convalescent Home, Swanley Junction, S.O., Mr. Sparks.
Buxton Hydropathic Establishment, Buxton, Derby, Miss M. E. Davies.
Homes for Orphans, Swanley and Farningham.

CONVENTS.

Graustown Convent, Foulks Mill, New Ross.
Bro. J. McElligott, St. Mary's, Tallaght, Dublin.
Sisters of Mercy, Tullamore, King's County, Ireland.
Sister Xavier, Magdalen College, Asylum Road, Galway.
Sister Aloysius, Convent of Mercy, Mohill, County Leitrim.
Sister M. P. Cantwell, Presentation Convent, Mullingar.
Sister M. A. Douhoo, Convent, Bagnalstown.
Miss M. A. Doyle, Convent, Carlow.
Father Cadock, O.S.B., Llanthouy Abbey, Abergavenny.

SCHOOLS, &c.

H. Burgess, Esq. (Clerk), South Metropolitan Schools, Sutton, Surrey.
Mr. J. Deeley, Fortescue College, Radstock.
Mr. R. Douglas, The School, Malvern Link.
W. Etherington, Esq., British Schools, Reigate.
Jesus College, Cambridge, Mr. A. M. Gray, Steward.
Mr. R. J. Clark, South Ormesby School, Alford, Lincolnshire.
Miss Cooper, South College, Elgin.
Mr. G. Crissfield, The School, Stone Street, near Sevenoaks.
Mr. J. T. Dale, Endowed School, Welling, Kent.
Mr. T. M. Brown, Morden College, Blackheath.
Mr. J. T. Brown, Boys' School, Crayford, Kent.
Rev. Chas. Brown, Training College, Carmarthen.
Lord Weymouth's Grammar School, Warminster.
Dr. Bennett, Pelican House College, Grove Park, S.E.
J. O. Beuttler, Esq., County School, Wellington, Somerset.
Mr. E. Brading, The Schools, Wootton, Isle of Wight.
G. Briars, Esq., British Schools, Thame, Oxon.
J. P. Way, Esq., The School, Warwick.
Board School, Clifton-on-Teme, Worcester, Mr. H. West.
Grammar School, Kirkby Lonsdale, Rev. J. Williams.
W. B. Lowe, Esq., Stranraer School, Wickham, near Farnham.
Corpus Christi College, Oxford, Mr. E. Moody.
Jesus College, Cambridge, J. C. Watt, Esq.
Dulwich College, Dulwich, S.E., T. Watchurst, Esq.
Mr. J. Hanne, Wesleyan School, Longton, Staffs.
Mr. R. Hardie, Abercorn School House, Winchburgh, N.B.
Mr. F. Jackson, Grammar School, Kirkburton, near Huddersfield.
J. Jeffery, Esq., College School, Epsom.
Mr. L. H. Bailey, The Cornell University College of Agriculture, Ithaca, New York.

HOSPITALS, &c.

Metropolitan Asylums Hospital, South Darenth.
Miss Cannell, Cambridge Hospital, Aldershot.
Dr. Chaplin, Infirmary House, Kildare.
St. Andrew's Hospital, Northampton, Mr. J. Godfrey.
Royal Naval Hospital, Plymouth, Mrs. Harrison.
Mr. J. H. Butterworth, Hospital for Insaue, Parramatta, N.S.W., Australia.
Dr. Hitchin, C.M.S., Hanchow Hospital, Shanghai, China.

CLUBS.

Mr. G. T. Copper, New Club, Brighton.
T. Dadford, Esq., Conservative Club, Northampton.
G. Wiffen, Esq., Conservative Club, Sudbury, Suffolk.
S. F. Mann, Esq., Ballarat Club, Victoria, Australia.

ASYLUMS.

Mr. M. S. Crabbe, Thorpe Asylum, Norwich.
Suffolk County Asylum, Melton, Woodbridge, Mr. W. Eager.
Borough Asylum, Leicester, Dr. Finch.
Middlesex County Asylum, Upper Tooting, C. Gallagher, Esq. (Clerk).
District Lunatic Asylum, Cork, W. B. McNamara, Esq.
County Asylum, Hailton, Warwick, A. Miller, Esq.
The Asylum, Elgin, N.B., Mr. J. Rankin.
County Asylum, Rainhill, near Prescott, Mr. J. Wigglesworth.
A. W. Horsholt, Esq., State Insaue Asylum, Stockton, California.
Mr. F. J. Kiug, Lunatic Asylum, Seacliff, Otago, New Zealand.

WORKHOUSES, &c.

Mr. J. Horril, Union, Havant, Hants.
Mr. C. A. Jessop, Workhouse Master, Mildeuball, Suffolk.
Mr. R. W. H. Poynton, Master, Medway Workhouse, Chatham.
Mr. R. Thompson, Master, Workhouse, Loughlinstown, Dublin.
Edinburgh City Poor House, Mr. W. Bennett, Craiglockhart, Statedford.
The Union, Chester-le-Street, Mr. A. Aikman.
The Workhouse (Sister M. Austin), Galway.
Master of Union (Mr. T. R. Barnby), Wautage.
Mr. P. Claucy, Union, Ennistymou.
Mr. J. Curdy, Workhouse, Londonderry.
Mr. J. Gane, The Union, Chippenham.
Mr. Girling, Union, Gressenhall, East Dereham.
Mr. J. Warly, Stow Union, Onehouse, Stowmarket.
Dartford Union.

CEMETERIES.

The Cemetery, Shooter's Hill, S.E., Mr. G. Dean.
The Cemetery, Boness, N.B., Mr. A. Kedgley.
The Cemetery, Weymouth, Mr. B. Kingman, The Lodge.
Paddington Cemetery Company, H. Cecil, Esq. (Clerk), Vestry Hall, Paddington Green, W.
The Cemetery, Coventry, Mr. E. Clements.
The Cemetery, Tonbridge, Mr. G. Corke, The Lodge.
Corporation Cemetery (Mr. W. Daniels), Crow Nest Park, Dewsbury.
Batley Burial Board, Mr. W. H. Atkinson, Cemetery Lodge, Batley.
Mr. W. Bloomfield, Cemetery, Rothesay Road, Luton.
Cemetery Company (Mr. A. Brommage, Secretary), Wolverhampton.
Mr. W. Buttrum, The Cemetery, Colchester.
Mr. J. Stubbs, Islington Cemetery, East Finchley, N.
Plumstead Cemetery, Wickham Lane, Welling, Mr. J. Twitche.
Mr. J. G. Barker, Forest Hill Cemetery, Jamaica Plain, Mass., U.S.A.
Mr. Witty, Nunhead.

PRISONS, POLICE COURTS, INDUSTRIAL SCHOOLS.

Mr. H. Watson, Assistant Government Inspector of Jails, Calcutta, India.
Colonel Campbell, H.M. Prison, Perth.
C. Le Court, Esq., City Police Court, Manchester.
Clifton Industrial School, Bristol, Mr. F. L. Lord, Superintendent.
St. Vincent's Industrial School, Dartford, Mr. C. D. Meligan.

Cannell & Sons' Complete Seed Guide.

Henry Cannell, Henry Cannell, Jun., Robert Cannell, Ernest Cannell.



Come and See.



Henry Cannell. F.R.H.S. M.S.A.,
H.M.C.A.B.

is our advertising heading, and we have never heard of anyone who has come to see but what they have always expressed their delight and astonishment at what we have shown them, and have gone away and kindly recommended us.

The following, extracted from the *Gardeners' Magazine*, fully and pointedly explains the necessity of procuring "Perfect Seeds" (our Trade Mark), so as to ensure the best results throughout the garden and greenhouses, which is of inestimable value, and is the sole cause of our seeds surpassing all others:—"When it is advised to secure good seeds, that their product may be good growth, too often it is forgotten that, beyond giving good germination, seeds play an important part in the sustenance of the infant plant. Until roots and leaves are created, the plant germs or growth evolution is dependent for support upon the sap stored in the seed lobes. This character is as evident in the tiniest of seeds as in that of the oak or horse chestnut. The development of roots and leaves is not the product of instantaneous action. It takes time—perhaps two, three, or several days—and until the tiny roots can abstract food from the soil, and leaves can assimilate it, the plant is entirely dependent upon its seed lobes or reservoirs for its existence. How important, therefore, is it that these seed lobes should be perfect, be well furnished with stored sap, as the robustness of the infant plant has all to do with the strength of the plant later in life. Very old seed, as a rule, fails to germinate because the stored sap has become exhausted or is dried up. The seed, perhaps, makes its puny effort to grow, and then collapses. The moral of this is grow only good seed, so far as possible, fresh seed."—A.D.

We grow nearly all our own seeds, and it is well known that we spare no expense to procure the best, and every year we select and re-select. It would delight any lover of the garden to see the loveliness of our strains, and the exertions on the part of our foremen to have the best, even to the commonest annuals. Many are so improved that some families are so very different and superior to those produced at the cheapest markets, and retailed by persons that have not the least idea how important it is to those that purchase; whereas we grow and supply them direct to the sowers, and from the finest climate and soil in Europe for producing them. The result is that the strains are better and the seeds are better, coming off our calcareous soil, than in the ordinary black garden mould, and from the change they make marvellous growth, and the crop is at least one-third more.

Compliments and best wishes, cordially inviting all to inspect our Seed and Nursery Establishments.



Mr. E. CHOPPING, *Chairman*, Mr. H. HEWITT, *Vice-Chairman*
Of Milton, near Sittingbourne.

For full particulars see next page

Cannell & Sons' Complete Seed Guide.

HENRY CANNELL & SONS

HAVE great pleasure in sending all their esteemed Customers a Catalogue for the current year, and at the same time wish to sincerely thank them for their preference towards us.

We need not here eulogise our Kentish Seeds, but simply state, owing to the satisfaction they invariably give, we last year received 2,000 more orders than the previous. As contrary as the past summer was to the growth of plants, we are pleased to state our Stock is in a splendid condition, the strains and varieties being most pure. At six of the largest Exhibitions held in London last year we exhibited the largest and most complete collections of Vegetables and Fruit, and on every occasion we were awarded the highest honours. They proved most interesting to all beholders, and claimed great attention in consequence of their importance on the future production of the garden. We herewith append reports from the Gardening Press:—



GARDENERS' CHRONICLE, September 30th, 1893.

Messrs. H. Cannell & Sons, Swanley and Eynsford, staged an "excellent" collection of Vegetables, including almost all kinds now in season. Onions, nice clean samples—*Ailsa Craig*, *Cannells' Globe*, *Anglo Spanish*, *Improved Wroxton*, *Rousham Park Hero*, and several others. Their nice young Cabbage *Earliest of All*, *Leeks*, *Marrows*, *Savoy*, *Red Cabbage*, *Autumn Cauliflower*, *Cannells' Intermediate Carrots*, *Improved Shorthorn*, *Cannells' Improved Nantes*, *Beet*, *Turnips*, *Parsnips*, *Salsafy*, *Beans* (*Runner and French*), *Tomatoes*, *Peas*, *Artichokes*, *Stachys Tuberosa*, *Potato Onions*, *Garlic*, and *Shallots*, were included. *Brussels Sprouts*, *Cannells' Matchless*, were very early and in capital condition, having Sprouts ready for the table on stems two feet high; also a collection of *Potatoes*, good size and quality, together with about forty dishes of *Apples*. Silver Knightian Medal was awarded.—*Royal Horticultural Society's Committee Meeting*.

JOURNAL OF HORTICULTURE, September 28th, 1893.

Messrs. H. Cannell & Sons had a very extensive exhibit of Vegetables and Fruit, the whole comprising a hundred dishes, only some of the vegetable "dishes" would about fill a bushel basket. *Earliest of All Cabbage* was represented by neat compact heads, and *London Coleworts* were fine. *Leeks* were blanchet to the extent of 9 or 10 inches, and robust plants of *Brussels Sprouts* were crowded with firm knobs. *Potatoes*, *Carrots*, *Onions*, and most other Vegetables in season were included in this representative collection, and a silver-gilt medal unanimously recommended.—*Royal Horticultural Society's Show, Drill Hall, September 26th, 1893*.

Cannell & Sons' Complete Seed Guide.

CANNELL & SONS'

LIST OF NEW AND IMPROVED

VEGETABLES FOR 1894.



JERUSALEM ARTICHOKE, WHITE SKINNED.



CHOU DE BEDFORD

Artichoke, Jerusalem, White Skinned—The tubers have a clear white skin instead of the reddish tint of the old varieties. They are also more regularly formed, having a tendency to a globular shape, and the quality is excellent; a nutritious and easily-cultivated winter vegetable, and will undoubtedly tend to increase its cultivation and popularity. Price 5s. per peck of 14 lbs.

Chou de Bedford—A distinct new hardy vegetable between *Chou de Burghley* and *Courc Tranchuda*, or Portuguese Cabbage, but entirely different from either. The form and appearance is very beautiful and striking, and at once impresses the observer as possessing excellent table qualities. Light green colour, with the exception of the broad fleshy stalks and mid-ribs of the leaves, which are pure white, and which, twisting and curling round, form a large solid white heart, the flavour, when cooked, being very rich and delicate, and free from the raakness attending most of the cabbage tribe, whilst the plant is quite hardy and can be sown and grown either for autumn, winter, or spring use; will withstand the cold and variable winter entirely unprotected; a distinct and useful new vegetable, the flavour of which is approved by many in preference even to that of a young cauliflower. Sow in April and May for autumn and winter, and in August and September for spring use. Price, in sealed packets, 1s.

Cabbage, Earliest of All—Strongly recommended as the very best in cultivation for spring sowing. There is no waste with it, the heads being compact and neat in their growth. It can, therefore, be planted close in the rows. The quality is delicious, being tender and marrow-like. For sowing in succession it is most useful. Per pkt., 1s.



CUCUMBER, BLAIR'S PROLIFIC.

Cucumber, Blair's Prolific—Raised by Mr. Blair, of Trentham Gardens, who describes it thus:—"A handsome variety, the result of a cross between *Lockie's Perfection* and *Royal Windsor*. The fruit are borne in great profusion, of a deep green colour, and heavily bloomed; of a beautiful symmetrical shape, with no neck, and grows longer than *Lockie's Perfection*. A valuable variety for either summer or winter cultivation." Price 2s. per pkt.

Cucumber Triumph—The result of a cross between *Long Ridge* and *Telegraph*, and is the largest hardy variety in commerce; an abundant cropper. One small plant has been known to produce over 24 fruits, many of them 20 to 23 inches in length. Per pkt., 1s. 6d.

Melon, Trevoux Prolific—A new Canteloup Melon, awarded a Silver Medal by the Horticultural Society of the Rhone. The flesh is of a fine scarlet colour, very melting, and of delicious flavour and perfume. The fruit is of good size, very solid (very few seeds), with extremely thin skin, which is of a golden colour. It is very productive. Per pkt., 1s.

MELON, DUCHESS OF YORK.

Raised by Mr. McIntyre, Darlington, and will take a leading place on the table as well as an exhibition variety. It has already made its mark as a prizetaker, having gained three first prizes this last season at York, Newcastle, and Trentham, against large competition of other leading kinds. The raiser gives the following description of its merits. "The Duchess of York is a cross between *Best of All* and *Hero of Lockinge*; fruit medium size, white-fleshed, colour golden, and beautifully netted; sets freely, of robust constitution, thick in the flesh, and of a delicious flavour." Per pkt., 2s.



MELON, DUCHESS OF YORK.

Cannell & Sons' Complete Seed Guide.



ONION, INWOOD FAVOURITE.

Onion, Inwood Favourite—This splendid new Onion, raised by Mr T. Wilkins, Gardener to Lady Theodora Guest, was sent out last Spring, and has been much admired. It is a cross between *Rousham Park* and Sutton's *Crimson Globe*, but is far handsomer than either; it has a greater depth of bulb than *Rousham Park*, and in shape is nearly globular, with conspicuous shoulders; in colour it is pale pink. Bulbs have been grown during the last two seasons nearly two pounds in weight; it is, therefore, on account of its great size and fine form **one of the best Exhibition sorts yet introduced**. The flesh is remarkably firm and solid, and it has been proved a splendid keeping variety. Being a strong grower, it resists mildew better than many sorts of weaker constitution. It has been awarded several certificates at important Shows.

Price, per packet, 1s.



SANDY PRIZE.

Onion, Sandy Prize White Spanish—Out of upwards of 60 varieties of Onions from all the best sources tried by the Royal Horticultural Society, this, with another Onion, only was selected and recommended as the best of the White Spanish type.

There is no other Onion which combines size with so many useful qualities as the well tried true White Spanish Onion, which is every year becoming more difficult to obtain true. This strain is the result of many years constant selection and continued seeding away from all other varieties, and from seed sown broadcast in the spring fine bulbs, 17 inches in circumference, have been produced. All the seed we offer is warranted from the largest selected bulbs. Price, in sealed packet, 1s.

Onion, Concord—New Intermediate—A very large-sized, handsome, semi-globular variety, raised by crossing the finest of the White Spanish type with the early white globe *Valencia*. This variety comes early, and ripening well is not to be surpassed for good keeping, quality, and solidity, and will give a greater weight of produce than all other spring onions, and if sown in the open early in the spring very large bulbs can be grown.

Price, in sealed packets, 1s.

Cannell & Sons' Complete Seed Guide.

Pea, Censor—Awarded Full Marks by the R.H.S. A deep green wrinkled marrow, height 3 feet, producing most profusely large, deep green, well-filled, pointed pods; peas large, and of the most exquisite flavour; fine, robust grower; a most desirable variety. In sealed half-pint pkts., 2s. 6d.

Pea, Conundrum—This is a grand medium and late wrinkled marrow Pea of robust habit and growth, extremely prolific either for garden or field culture; it grows 7 ft. high, when comparatively old it retains its flavour when other sorts would be unfit for table. The Pea is large, and pods are long and well filled. In sealed pint pkts., 5s.

Pea, Celebrity—A main crop wrinkled marrow, 5 ft. high, and somewhat after the form of *Forty-fold*, having the best qualities of that old favourite; similar in flavour and extremely productive, but with finer pods. For appearance, flavour, and cropping, we can confidently recommend it, these being qualities which render it particularly suitable for market purposes as well as for the best private gardens. Price per half-pint, 1s. 6d.

Pea, Critic—Awarded highest marks in the Chiswick Trials of the Royal Horticultural Society. A green wrinkled marrow, growing 4½ ft. high, and producing a profusion of well-filled deep green pods. The peas are large, of the finest quality, and retain their beautiful colour when cooked. A choice second-early kind. Per sealed quarter-pint pkts., 2s. 6d.

Pea, Barnet Hero—An excellent variety, growing to a height of 3½ ft., of robust branching habit, its distinguishing feature being the immense size to which the Peas attain. The pods, produced in pairs, are quite straight, good size, and closely filled with seven or eight very large peas, which when cooked are a beautiful dark green, and of the sweetest flavour; one of the best that can be grown for a main crop. Per pint, 1s. 6d.

Savoy Cabbage, Ormskirk Late Green—It is of large size and very handsome shape, very hardy, and being late, comes into market when other sorts are over, and after a severe winter is often the only vegetable of its class in good condition. The heart is green in colour, and the outer leaves, being much darker, contrast beautifully. Per pkt., 1s.

Scarlet Runner Bean, Hill's Prize—It is undoubtedly the finest of all the race; a grand exhibition variety, a great cropper, and bears very long, beautifully shaped, very fleshy pods. It is a true Scarlet Runner, and is not crossed with a white seeded kind. Awarded a First-Class Certificate Royal Horticultural Society. In sealed pkts., 1s. 6d. each.

Tomato, Dunedin Favourite—We cannot give a better description of it than that which appeared in the *Gardener's Chronicle*, which was as follows:—"Among fifteen varieties, *Dunedin Favourite* was the earliest to ripen, and the first fruits were as perfectly symmetrical as those that followed. The flesh is particularly rich, and contains but few seeds; the colour is a very attractive combination of deep scarlet and crimson; the skin is glossy. In weight it exceeds all others, being very solid, and with little or no core, whilst its level and regular shape is a great advantage in packing for market." Per pkt., 1s.

Tomato, Ladybird—A splendid setting variety, beautiful glossy scarlet colour, fruit medium and uniform in size, delicious flavour, and very prolific. Certainly the best cropping variety ever raised. We had part of a house of it last year, and it was in our opinion one of the best in cultivation. Per pkt., 1s.

CANNELLS' NEW POTATOES.

EARLY VARIETY.

Eynsford Mammoth (Cannells')—Being aware of the wonderful perfection the Potato has reached, it seems hopeless to expect anything better or superior to those we already possess; however, it has been our good fortune, after several years of scientific crossing and re-crossing, to obtain a better variety—a seedling, which we have named as above, *Eynsford Mammoth*. It has four most essential and important points for a variety to become a general favourite and largely grown, viz.:—1st, dwarf haulm; 2nd, disease resisting; 3rd, a tremendous cropper; and 4th, good cooking and table qualities.

At a dinner held by the Eynsford Horticultural Society two years since, each member brought a dish of different varieties in a boiled condition to be tested and tasted, this kind being in competition also, and although some 36 varieties were staged, including many of the newest and best old leading sorts, *Eynsford Mammoth* came off victorious by two points. Per 7 lbs., 3s. 6d.; per 14 lbs., 6s.

LATE MAIN CROP VARIETY.

Our Boy (Cannells')—This variety is also a seedling of our own raising, and somewhat resembling *Eynsford Mammoth*, only it is a later variety, of a more perfect form, very shallow eyes, and of medium size; a heavy cropper, and decidedly a disease-resisting variety. Its cooking qualities are all that can be desired, and good for a main crop. Our sole aim in crossing and re-selecting is to produce varieties possessing the best cooking and exhibition points combined, and in this *Our Boy*, we are of opinion, has a grand future before it, good in all points that constitute a Potato the public requires. Per 7 lbs., 3s.; 14 lbs., 5s.

POTATOES.

Bedfordshire Hero—The needed Kidney—a very fine large white main-crop Kidney very productive, of good quality. The first prize for the best white Kidney Potato in the Market Gardeners' Class at the Sandy Show in 1890 was awarded for this variety, and again awarded first prize in 1891. Per peck, 3s.

Boston Q.Q. (Quantity and Quality)—A second early handsome white round variety of *Regent* type; heavy cropper, tubers of large even size, skin finely netted, shallow eyes, perfect balls of flour when cooked. Haulm medium height; a grand variety to succeed the first early Kidneys. Per lb. 1s.; 7 lbs., for 6s.; 14 lbs., 10s. 6d.

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Canon—Dwarf haulm, heavy cropper, good for exhibition, white Kidney; an improvement on *Chancellor*. Per peck, 3s. 6d.

Early Laxton—The earliest, best, and most prolific early Potato. *The only Potato which received a First Class Certificate from the Royal Horticultural Society in 1891, and in addition the highest awards in the Chiswick Trials, 1891, and again in 1892 for earliness, quality, and fertility.* This early short haulmed variety was raised from the *White Beauty of Hebron* crossed with *Myatt's Prolific Ashleaf*. The habit is dwarf, and the shape of the tubers intermediate between the parents; the flesh firm, yet floury, partaking more of the *Myatt's* flavour than *Sharpe's Victor*, which it precedes in ripening. *Early Laxton* has a very short top, but produces in advance of all other varieties an enormous quantity of good, large, even-sized tubers which lift well together, rendering it the most useful early sort produced, both for the garden, border, frame, or early market work. Per peck, 4s. 6d.

Jeanie Deans—Resembling in form the *Victoria*, a forward second-early of finest cooking qualities, dry, firm, floury, and of finest flavour disease resisting. Per lb., 1s.

Lady Fife—A beautiful Potato of flattish round form, tubers large but never coarse, cooks white and floury, heavy cropper; a forward second-early, free from disease. Per peck, 3s.

Lady Frances—A forward second-early, fine round form, few and shallow eyes, good cooking qualities; disease resisting. Per lb., 1s.

Laxton's Perfection. Per peck, 3s. 6d.

Laxton's Reward—A good all-round Potato of excellent quality, a handsome round seedling from *Scotch Champion* crossed by *Magnum Bonum*, but having the good quality and more of the characteristics of the *Champion*, without the deep eyes of that variety; withstands the disease, and will keep and eat well until the following year. This Potato is fast making its way amongst the large number of new varieties which have been recently introduced. Per peck, 3s.

Model—White-round, of good form. Per peck, 4s.

Paul's Round White.—A seedling from *Ashleaf*, crossed with *Schoolmaster*. A round Potato, ripening a fortnight earlier than *Schoolmaster*, slightly more refined in shape, and a far better cooker; a heavy cropper. Received an Award of Merit at Chiswick. Per peck, 3s. 6d.

Prodigious.—One of the heaviest cropping varieties, of the highest quality and remarkably free from disease; a heavy oblong white tuber. 7 lbs., 2s. 6d.

The General. This new variety is a very prolific, good, disease-resisting, and high quality handsome round potato, raised from the *Scotch Champion* crossed by the *Magnum Bonum*. It possesses all the good qualities of both its parents, the haulm being vigorous and woody, but not lanky, enabling the plant to resist the disease equally with the *Magnum Bonum*. It is also a great producer, the tubers, which are of the largest size, round sometimes slightly flattened, and with shallow eyes, are very handsome, and produced in immense clusters close round the stem, and although very numerous are even sized and with few chits, and the crop is more easily lifted than that of the *Magnum*. The colour of the skin and flesh of the tuber is clear white, and the quality excellent, floury, yet firm, and superior to that of either parent.

Laxtons say they look upon this potato as likely to become a most useful and reliable favourite for main crop, winter, and spring consumption, suitable for field and garden culture, whilst its handsome form renders it one of the best round show potatoes yet produced. Price 1s. per lb.

The Gentleman.—Large kidney shaped, rough skinned, few and shallow eyes; late; a good keeper and cropper, and of superb quality. Per 14 lbs., 4s.

Triumph.—A main crop, white rough skin, pebble shaped; good cooking kind; very productive. Per 14 lbs., 3s.



Victorious.—*First Class Certificate at the Grand National Vegetable Conference at Chiswick, September, 1889, awarded for quality after being cooked and tried.* A seedling from the *White Skinned Beauty of Hebron* crossed with *Myatt's Prolific Ashleaf*, and combines the fine qualities of both, being in many respects intermediate between these two high quality and useful sorts. In shape it is a flattish oval, very large and handsome, eyes few and shallow, with a smooth surface, but when fully ripe the skin is rough; the flesh firm yet floury, and of a light sulphur tinge, combining the good and nutritious quality of the *Ashleaf* with the more floury texture and the productiveness of the *Beauty of Hebron*. As an exhibition potato it is A1, and following the *Ashleaf* it will be welcomed as a first-rate all round sort for succession both for garden and market culture; haulm moderate. Per peck, 3s. 6d.

THE GARDEN, 18th November, 1893.

Messrs. H. Cannell & Sons, Swanley, staged 70 dishes of Potatoes, having well-known kinds and a few of recent introduction, the best dishes being *Edgemoor Purple*, *Peach Blow*, *The Dean*, *Our Boy* (very large), several seedlings, and *Eynsford Mammoth*—rather coarse, but stated to be of excellent flavour. (Silver Medal.)

JOURNAL OF HORTICULTURE, 16th November, 1893.

Messrs. H. Cannell & Sons sent a large collection of Potatoes, clean, well-grown tubers, that deserved the Silver Medal awarded. One specimen of Potato weighed 3½ lbs.; 9 in. long.

THE GARDENERS' MAGAZINE, 18th November, 1893.

Messrs. H. Cannell & Sons, Swanley and Eynsford, sent a large collection of Potatoes, all clean and fine tubers; some 70 dishes.

THE GARDENERS' CHRONICLE, 18th November, 1893.

FRUIT AND VEGETABLE COMMITTEE, R.H.S.—The only award made by this Committee was that of a Silver Medal to Messrs. H. Cannell & Sons, Swanley, for a grand exhibit of Potatoes.

Cannell & Sons' Complete Seed Guide.

WE CAN ALSO SUPPLY THE UNDERMENTIONED. FULL PARTICULARS AND PRICES ON APPLICATION.

Bean, Hurst's Monarch Runner	Cauliflower, The Monarch	Onion, Royal Jubilee
Beet, Brydon's Exhibition	Celery, Clayworth Prize	" Somerset
" Frisby's Excelsior	" Sutton's White Gem	" The Lord Keeper
" Middleton Park Favourite	" McHattie's Prizetaker, Red	Parsnip, Dobbie's Selected
" Pragnell's Exhibition	Cucumber, Covent Garden Favourite	" Guernsey Marrow
" Veitch's Improved Black	Lettuce, McHattie's Giant Cabbage	" Lisbonnais
" Veitch's Superb Red	" Tender and True Cabbage	Parsley, Hurst's Improved Moss-Curled
Borecole, Dobbie's Selected Green Curled	Melon, Beauty of Wordsley	" The Specialite
Broccoli, The Missing Link	" Guide of Stourbridge	Pea, Duke of York
Brussels Sprouts, Gilbert's King	" La Favourite	" Goliath
" " Veitch's Exhibition	" Slon House	Spinach, Long-Standing Prickly
Cabbage, Christmas Drumhead	" Sutton's A1	Tomato, Empress of India
" Dark Red Pointed Head	" Triumph	" Sunset
" Gilbert's Universal Savoy	" Yorkshire Favourite	Turnip, Long White Market Horn
" Warner's Drumhead	Onion Cranston's Excelsior	

THE CHAMPION VEGETABLE GROWERS' SASH.

ON August, the 9th, as early as 3 o'clock a.m., the Eynsford Vegetable Growers were about selecting from each member the 12 best dishes got ready over night for the great contest of the day, and every one gave them great praise for their selection, and the energetic working by which they brought up their productions. Milton-by-Sittingbourne, who ran them disagreeably close the previous year—a real neck-and-neck contest—must have been about even earlier, for they were there in good time, every dish lovely and fresh; and as the time approached the excitement grew higher and more intense, for during the year the Eynsfordians were frequently reminded that the Miltonians would not only take the money, but also the great and valuable trophy they set such value on. Some at Eynsford, it is said, had even bought their seeds from a firm of the supposed greatest repute, and clandestinely intended showing them as coming from Cannells' seeds on purpose to win, had they been fit; but, strange to say, in neither instance did these two worthies even come up to their usual standard, and did comparatively nothing, so it both shows that such seed was actually not so good, and this kind of work deceived them. The seven collections were got to the show grounds. Expectation became much more exciting. The highly-coloured belt was conspicuously displayed on the person of Mr. Wellard, secretary of last year's winning society. Some suggested that was in consequence of the land of its adoption, and others that they anticipated its departure to another region. The various collections were at last arranged, and the qualities of all severely criticised. As they made their appearance, each was compared with its rivals, and the various points of excellence freely commented on. Eynsford and Milton were evidently the contesting parties for the victory. The season was bad, and it was most difficult to get good, clean, crisp, vegetables, particularly peas and cauliflowers, and those who had these varieties declared they ought to count double points in a season like last year. Instantly the judges made their appearance, the tent was cleared and closed; some who were highly concerned walked as hard as they could, others were content to accept their fate as cheerfully as could be expected under the circumstances, but showed unmistakable signs of anxiety. One looker-on said the belt

was a cruel instrument; however, it was worn up till the last moment of time arrived, then it was reluctantly and slowly laid on the last year's winner's collection, to be taken up by the next victor. After half an hour's suspense for the verdict—some declared it painful—at last the decision was posted up, and the Miltonians hailed it with a hearty cheer. Immediately all the principal actors were ushered into the luncheon tent to allay both pain and pleasure. After grace was pronounced, it was delightful to see the sharpness of appetite all round; the early rising, the activity, the lovely pure air of one of the finest and most beautiful open spaces between some of the noblest specimens of timber, and the scenery of a real old nobleman's park, had the most invigorating effect on both the inner man and the mind that I ever remember to have witnessed; even the weak and ailing all ate and drank most heartily, and in a heat of the sun of above a hundred degrees.

The CHAIRMAN (Mr. Abbott, gardener to Sir William Hart Dyke) rose to propose a hearty vote of thanks to Sir William for lending the park.

Mr. CANNELL, in seconding, regretted Sir William's inability to be present, and hoped there would never be another Home Rule Bill to interfere with the production of mother soil.

The CHAIRMAN alluded to the chief object of the day—Mr. Cannell's magnificent prize and belt to the winner of the first prize for the twelve best dishes of vegetables, commenting on their excellence, and regretting that his society, who had been so proud of it during the past year, should now have to yield it up to the superior productions from Milton. The contest was a long, strong, and narrow one. Three points carried in carrots made it absolutely justifiable, as sorry as he, as chairman of the Eynsford Society, was to lose the belt and honour, he knew its justification, and he should lose no time or opportunity of doing his best, and he was quite sure the Eynsfordians would do likewise, to bring it back to its native parish next year. He proposed a hearty vote of thanks to Mr. Cannell for this prize, and also for instituting the belt, as it was a great stimulant to good vegetable growing.

Mr. CANNELL replied, and said he was delighted to see such a sharp and friendly contest. Milton last year, when they only

Cannell & Sons' Complete Seed Guide.

lost by six points, showed such evidence of being masters of vegetable culture that, much as he regretted losing sight of the belt during the year, he was not at all surprised; and in the absence of Sir William, Mr. Cannell invested Mr. E. Chopping with the magnificent distinction, feeling sure he would preserve it, and deliver it up to the next winner at their show during the ensuing year. He hoped this trophy would stimulate them to stronger efforts, and that more pressure would be brought to bear on the members of the various societies, so as to carry the cultivation of vegetables to a higher standard of excellence, and also to more fully appreciate their value for the sustenance of mankind than had yet been practised.

Mr. CHOPPING assured all present that he felt this a great honour, which the Milton Society had worked and fought hard to gain; assuring the donor it would be highly valued, and next year it should be laid on the Milton collection intact for whoever were then the lucky winners to take it up and wear. (Applause.)

The CHAIRMAN, on again rising, said there was one other very important toast he had to propose: that was "The Health of the Chairman and Secretary of the victorious Milton Society."

This was heartily responded to.

One more toast the CHAIRMAN said he must propose: that was "The Non-Successful Competitors and the Visitors."

Mr. REEVES responded on behalf of Fooks Cray Society. He said they were defeated, but not disheartened; they had heard much and learnt a good deal, and should return home determined to do whatever lay in their power, not only to get the prize, but the belt also; for nothing, in his mind, was better to see on a

dinner-table than a good supply of vegetables well grown and cooked. (Hear, hear.)

Mr. CORNWALL, who replied on behalf of the visitors, said he was the secretary of the Tunbridge Wells Society; he and 50 members of that society had great pleasure in being there that day. They had been to see Mr. Cannell's Nursery and Seed Farm. Surprise had met them at every turn. The exhibition of vegetables in the tent was splendid, and he was quite delighted to see such manifestations of good feeling. His friends already had had a formal meeting outside; they had determined to compete, and, if possible, to carry off that flag next year. (Hear, hear.) He had never seen better feeling displayed amongst those in sharp competition. He hoped soon to see horticultural societies throughout the county have one head centre to arrange the dates of shows, and thought it would be a good thing if all county societies had one head central meeting place; all associations would thus be brought into unison with each other; great good would be sure to rise out of it, such as selecting all the best dishes, and thereby challenging other counties. He wished to thank one and all most cordially, and he hoped at no distant date to see them at Tunbridge Wells, when they would reciprocate their kindness and good feeling. (Loud applause.)

The Champion, fully belted, made a tour through the village, evidently to the intense dismay of the inhabitants, particularly to the wives and families of those who had worked so hard and anticipated so much, of having the boast of the best vegetables in all Kent thus taken away after 10 years of pride and pleasure. It was not an easy matter to suppress village feeling.

A DEEP DIGGER.

THE HIGHEST HONOUR & DISTINCTION A GARDENER CAN ATTAIN.

This Prize is expressly for bona fide Gentlemen's Gardeners' Productions, to benefit his Employer, and also showing the perfection of their Garden.

WE offer to bona fide Gentlemen's Gardeners a valuable MONEY PRIZE, together with a brilliant STAR OF HONOUR, for the best Collection of Vegetables, Fruit, and Flowers, to be competed for during the coming season. This Order of Decoration is intended to be worn as an incentive to the best productions by accomplished gardeners, and will certainly be valued and appreciated as an heir-loom.

	1st	2nd	3rd	For the Best Collection of 12 distinct Vegetables.		
Prizes,	£4	£3	£2	"	"	" 12 Dishes of Fruit, all distinct.
				"	"	" Stand or Box of Cut Flowers. Stand to be 3 ft. by 2 ft.

For further particulars, see Schedule of the Society where the Competition takes place.

H. CANNELL & SONS' CHAMPION SASH.

TO AMATEURS AND COTTAGE GARDENERS' SOCIETIES.

WE also offer a valuable MONEY PRIZE, together with a splendid GOLD-LETTERED SASH, for the Best Collection of 16 distinct Dishes of Vegetables, Fruit, and Flowers.

In neither offer do we bind those competing to purchase from us, but simply mention as a fact the superiority of our own-grown Kentish Seeds brought us last year 2,000 more orders than the previous one. New customers find them more productive, better crops, and require less quantity than those they have been accustomed to. We rely on our friends' preference to our Firm.

	1st	2nd	3rd	For the Best Collection of 10 distinct Vegetables.		
Prizes,	£3	£2	£1	"	"	" 6 Dishes of Fruit, all distinct.
				"	"	" Stand of Flowers. Stand to be 2 ft. by 1½ ft.

For further particulars, see Schedule of the Society where the Competition takes place.

Our Mr. H. Cannell, Sen., will on the occasion of presenting both Prizes be present, and invite some distinguished personage to invest the fortunate winners with their decorations.

The above Prizes will be offered to one or more Selected Horticultural Societies in each County. The Winner of the Star will not be allowed to compete again, nor to assist others.

Cannell & Sons' Complete Seed Guide.

This shows the Champion Collection of Vegetables with which the Milton Society (near Sittingbourne) carried off the £3 and the Champion Belt from the Eynsford Society on August 15th, 1893.



H. CANNELL & SONS hope as many Societies in Kent as can possibly make it convenient will compete at Milton for the Championship of 1894.



H. CANNELL & SONS'

(F. R. H. S., M. S. A.)

Complete and Illustrated List

OF THEIR OWN TRUE

HOME-GROWN AND SAVED

Vegetable and Flower Seeds for 1894.

DIRECT FROM THEIR FIELDS OF 300 ACRES.

Everything for the Garden and
= = Greenhouse supplied. = =

= Horticultural Seed Farm, =
= = Eynsford. = = =

HENRY CANNELL & SONS, SEED GROWERS
AND MERCHANTS,

Swanley,

KENT.

PRICE 1/- Post Free;

Free to Intending Purchasers.

We should be glad to supply
the smallest Order.

Cannell & Sons' Complete Seed Guide.

OUR SUCCESSES IN VEGETABLE GROWING DURING 1893.

- A SILVER KNIGHTIAN MEDAL FOR A COLLECTION OF VEGETABLES exhibited at the Royal Horticultural Society's Show, held at the Agricultural Hall, September, 1893.
- A SILVER MEDAL FOR A COLLECTION OF VEGETABLES exhibited at the Gardening and Forestry Exhibition, Earl's Court.
- A SILVER-GILT MEDAL FOR A COLLECTION OF VEGETABLES exhibited at the Royal Aquarium October Chrysanthemum Show.
- A SILVER MEDAL FOR A COLLECTION OF POTATOES exhibited at the Royal Horticultural Society.

VEGETABLES GROWN AT EYNSFORD.

The very extensive and interesting collection of vegetables which Messrs. Cannell and Sons set up both at the Drill Hall on the 26th ult. and the following day at Earl's Court deserves more than a passing notice, because vegetables have not hitherto been regarded as a Swanley speciality, and also because there was no pretence to exhibit these products other than as grown under ordinary culture. The Potatoes, Onions, Carrots, Cabbages, Cauliflowers, Tomatoes, &c., were excellent. But it may be pleaded that cultivation is not everything, and that selection of seed stocks is a matter of some importance also. That is a seedsman's view which merits all consideration, and it is one on which not only Messrs. Cannell and Sons, but every other seedsman is entitled to lay full weight. With very few exceptions the Swanley vegetables did not exhibit any attempt to display mere size. Only one lot of Onions were unduly large, but the bulk of the samples served to show what large, firm, enduring bulbs can be got from ordinary culture if the soil be good and the plants well thinned early. Yet, whatsoever may be the keeping or non-keeping properties of the giant show Onions, at least all ordinary grown bulbs should keep remarkably well, for seldom have they ripened off earlier or better than this season. The Wroxtons of the Swanley collection averaging 6 ozs. to 7 ozs. were perfect, and better could hardly be conceived. A very interesting dish in the collection was Pea Autocrat; the pods were not large at this season of the year, but very full of Peas literally as green as grass. Its colour is a strong point in its favour, and we like Peas to be green when so called, and not white, as they are so frequently. Not the least value of such a collection of

vegetables as that referred to is found in its reliability. The constant exhibition of varieties or kinds that have been produced under high-class conditions of culture naturally misleads, and the on-looker as naturally observes, "I can never obtain samples like these in my garden;" but when he turns to a collection of ordinarily grown vegetables, he recognises at once their natural characteristics, and is satisfied. I am not at all for assuming that ordinary culture signifies poor or inferior culture. That is not so. By ordinary culture I mean cropping under such conditions as that samples most suitable for domestic use may be obtained in the greatest abundance and with appreciable profit. The whole of the Messrs. Cannell's collection was grown on the Eynsford farm literally under field culture, and under conditions less favourable, especially during the recent dry season, than are found in ordinary gardens. That fact renders the exhibit all the more meritorious, because if good vegetables can be so produced, it should be easy for anyone else to have good samples. I have been much surprised to find generally how wonderfully good vegetables have been out in the open or field allotments. That is if a reliable seed stock is procured. There is a good deal of rivalry in these days amongst seedsmen and growers to get the best, and immense pains are taken to have them. That is good practice, and the gardening public get the benefit of it. No firm has a monopoly in this respect, and if I find one gardener believes in one seed house, another has implicit faith in a second, so that it is evident all are now putting into commerce high-class stocks.

A. D.

GARDEN, September 30th, 1893.—Royal Horticultural Society's Committee Meeting.

Messrs. H. Cannell & Sons, Swanley, occupied a large space, showing a collection of Apples and a large varied collection of Vegetables. The best dishes of Apples were *Colonel Paughan*, *Scarlet Nonpareil*, *Cox's Orange Pippin*, *Queen Caroline*, *Emperor Alexander*, *King of the Pippins*, and some Seedlings. The Vegetables comprised a basket of Anglo-Spanish Onions of great weight, some excellent *Somerset Hero*, *Ailsa Craig*, and *Improved Wroxton* Onions grown naturally; 50 dishes of Potatoes, the best being Cannells' *Victory*, *Satisfaction*, *Chancellor*, and some enormous tubers of *Eynsford Mammoth*; some good *Ladybird* and *Criterion* Tomatoes, *Autocrat* and *Colossus* Peas, &c., Silver Knightian Medal being awarded.

GARDEN, September 30th, 1893.—Earl's Court Fruit and Vegetable Show.

Messrs. Cannell & Sons, Swanley, were awarded a Silver Medal for Fruit and Vegetables.

GARDENERS' MAGAZINE, September 30th, 1893.—Royal Horticultural Society's Committee Meeting.

Messrs. H. Cannell & Sons, Swanley and Eynsford, exhibited a large collection of Apples, which showed how well-suited their nurseries at Eynsford are for this fruit. The examples were throughout above the average in size and very highly coloured. Even more noteworthy were their collection of Potatoes and miscellaneous Vegetables, for they were alike remarkable for their high quality, the cultural skill that had been brought to bear upon them, and the taste with which they were arranged. Conspicuous among the Potatoes were *Eynsford Mammoth*, a large kidney variety, dwarf in growth, a heavy cropper, and of excellent quality; *Field Marshal*, a red kidney, much brighter in colour than others of its class; good cropper. Altogether the collection did much credit to the firm, and added materially to the attractions of the meeting (Silver Knightian Medal).

EARL'S COURT FRUIT AND VEGETABLE SHOW.—Messrs. H. Cannell & Sons had an excellent collection of Vegetables and Fruit, a Silver Medal being awarded.

GARDENERS' MAGAZINE, October 14th, 1893.—National Chrysanthemum Society.

Messrs. H. Cannell & Sons had an interesting collection of Potatoes, Onions, Carrots, Marrows, Turnips, Leeks, Beans, Mushrooms, and Artichokes, &c., the result of good full culture, and also a collection of Apples and Pears. Silver-Gilt Medal was awarded.

JOURNAL OF HORTICULTURE, Royal Aquarium, October 12th, 1893.

Messrs. H. Cannell & Sons, Swanley, staged a collection of Apples and a splendid collection of Vegetables. A Silver-Gilt Medal awarded.

THE GARDENING WORLD.—National Chrysanthemum Society, October 14th, 1893.

Messrs. H. Cannell & Sons had a large and instructive collection of Potatoes of wonderful size—Onions, Brussels Sprouts, Cauliflowers, and other vegetables—as well as a collection of Apples. A Silver-Gilt Medal awarded.

Cannell & Sons' Complete Seed Guide.

A GLOSSARY OR EXPLANATION OF THE BACK OF COVER OF OUR CATALOGUE.

1. First, on the top is our name. From the flattering expressions of joy and satisfaction received from the numerous visitors to our Nurseries (many from the most remote and distant parts of the world) for what we have sent them for many years, we have good evidence that our name and reputation stands high in the estimation of people, and our yearly increase besides proves it is so; and if we venture to take advantage of personal expressions as those undermentioned, which is of course gratifying to hear, that must be our excuse for repeating them.

"Mr. Cannell, you make my garden and house like dear old England."

"Mr. Cannell, you are in reality the world's comforter."

"Mr. Cannell, I lost a lot of money and vexation in getting seeds and plants until I heard of your firm."

"I don't mind going back to Australia now that I know I shall be able to get all I want from you and receive your catalogue."

Such are the expressions often heard.

2. F.R.H.S., *H.M.C.A.B., M.S.A. H. CANNELL, Sen., has been for many years one of the most active Two Guinea Fellows of the Royal Horticultural Society—many years acting on committee. Here we have every opportunity of seeing, examining, and discussing with the best authorities all the new and rare plants, fruits, vegetables, and appliances from all parts of the world immediately they are exhibited.

*H.M.C.A.B. (Honorary Member of the Cercle d'Arboriculture of Belgium).—This honour was conferred after the Society visited this country in 1883, making our establishment their first great sight.

3. He is also a Two Guinea Member of the Society of Arts, where all designing, instruments, and papers of the highest scientific information are read and discussed before the most learned men in the world, which gives us splendid opportunities on most valuable questions of the day, especially that alluding to horticulture.

4. We might also mention our name is entered in the record of valuable inventions and discoveries at the British Museum, as having introduced the system of top heating, which has proved the highest advantage to mankind.

5. Golden Seeds.—The great success of having grown all sorts of seeds in the warmest and most sunny spot and best adapted soil in England, has proved an immense advantage to the entire world; and this invaluable discovery has already, and will more and more as years roll on, become of the highest possible importance. Seeds that we used to think could only be grown good in foreign parts, we now put them to the severest test when placed side by side with our "Perfect Seeds," so much so that, as large

as our plant orders are, our seed orders, by force of real quality, are the largest now.

6. Rising Sun.—This indicates that we are favoured with more sun, and, of course, heat and light, that gives riches and life, which is necessary for all crops—thus seeds of the highest colour and plumpness; and further, they not only possess a golden gloss, which indicates the highest quality, but they afterwards bring gold to the sower, and afterwards a large order—hence the *Golden Seeds*.

7. "Perfect Seeds" is also our registered trade mark, the force and weight of so many testimonials eulogising our own grown seeds. Sending them direct from our fields to the sower at a cheap rate, and of a superior quality, forced us, as it were, to protect this, what was formerly thought almost an impossible title; but the many thousands of proofs have more than justified this assertion, for many have said that our seeds have proved it by their magnificent results all over the world.

8. Our first trade mark, "Forget-me-not," will be found on one side. This has brought smiles and pleasure to many hundreds of lovers, and the dearest friends have enclosed it, when corresponding, to show its value. We have been offered £100 for its use, and, of course, refused with thanks. We have no doubt young people will long continue to use it, and may it bring them much joy.

9. The Spade—*nil desperandum*.—Call a spade a spade and dig deeply with it, not only into the soil, but the same with everything you wish to do well in the garden, and, above all, never despair.



Just recently Mr. HENRY CANNELL, the head of the well-known Swanley firm, has been awarded a Gold Medal and the First-Class Diploma of the Academy of Art and Science, Brussels, in recognition of his services to horticulture. Mr. Cannell has also been made an honorary member of the institution.

IT IS VERY NECESSARY YOU SHOULD SEE THIS.

OUR ASTER FIELD.

TO give an idea of the extent of our seed growing—particularly Asters—which do so wonderfully well, yielding seed equal to what is usually supplied from the Continent, and which we guarantee to give more than satisfaction. We have hundreds of testimonials praising our Asters. The last three years all, or nearly all, the seeds are of our own growing. The following report will go far to prove our assertions as being correct:—

Reprinted from the GARDENERS' CHRONICLE.

OUR SEED FARM.

GAZING with a somewhat dreamy air at a few Asters in pots, sent up from Chiswick to the James Street Drill Hall the other day, Mr. H. Cannell sententiously remarked that he had a grand lot just then in bloom at Eynsford, and invited me to go and see them. The invitation was too tempting to be declined, and accordingly a few days later I found myself with my energetic host standing out on the side of the hill which slopes southwards to the Eynsford valley, looking upon what can be truly described the finest shows of Asters I have seen. As under the force of the prevalent strong wind, the rich masses of coloured flowers surged to and fro, sometimes in broad sunlight, sometimes in shade, it was not possible to refuse a warm tribute of admiration for a most beautiful as well as brilliant floral spectacle. There are large breadths of *Quilled*, of *Victoria*, of *Peony-flowered*, of *Pompon*, of *Emperor*, and other sections, in mixed colours, and very beautiful they are, because of the bizarre colouring found in some twelve or fifteen diverse forms or markings thus interspersed; still further, the mixtures are of special interest, because these include some lines or markings not found in the selected colours, and thus furnish the ground-work of further selections of special merit. Still, the best effects are found in the big hocks or masses of colour, which hundreds of plants, all of one hue, produce. Because rather the earliest perhaps, the *Peony*, or incurved flowered, seemed, at the time of my inspection, to be the most brilliant, because the most fully in bloom; and some of the colours were indeed glorious under the sunlight—so telling, in fact, as to almost beggar description. Although growing, as it were, under field culture, and out on the exposed breezy hillside, yet the flowers are in all cases of splendid quality. I have never seen better under ordinary culture, or plants more profusely blooming.

Mr. Cannell is growing these Asters for seed production, and without doubt he starts in the production of home-raised seed with very fine strains, the flowers being as perfectly double as well as they can be.—A. D.


Cannell & Sons' Complete Seed Guide.

Short Notes and Information for our Customers.


FREE CARRIAGE OF SEEDS.—We send all Vegetable and Flower Seeds carriage paid to any place in the United Kingdom, excepting Peas and Beans, Potatoes and Artichokes, when any or all of these are ordered in small quantities, as in many such cases the carriage nearly, if not quite, absorbs the value of the goods.

Potatoes and sundries, &c., are only sent free if the value amounts to 20s. and upwards, unless forming part of a general seed order, when we send the whole carriage paid.

EMPTY PACKAGES.—We charge at cost price, and allow half price if returned in good condition and carriage paid, and must be in all cases accompanied with sender's name and address and advised by post.


 Although every care will be taken in the packing and sending of plants, seeds, &c., risk of every description must be borne by the purchaser immediately they are delivered to the Railway Company or Postal Authorities.


Every article is charged at the very lowest price. Our object is to give the ready-money buyers the advantages they are really entitled to. It may happen that prices lower than ours may sometimes be quoted. This invariably means false economy in a variety of ways—good things must be looked after by good men, who must be fairly paid, and good strains are only procured by unceasing labour and care.

 Full instructions as to the proper mode of forwarding must accompany each order, as it is calculated to expedite transit of goods, and save vexatious mistakes. All goods are advised the same day as forwarded, and the invoice posted as soon as possible afterwards.

Say by what rail. Please to write the address plain and in full on each order. No complaints entertained unless made immediately on receipt of goods.

The greatest care is exercised, and utmost liberality shown, when the selection of sorts is left to us.

 It is particularly requested that all small orders under 5s. be accompanied with remittance, to avoid the necessity of Booking, often the trouble of rendering and even re-rendering several times to our loss.

 All orders by post will be dealt with precisely as if given personally. Those who send above their value will have additional put in to make up the full amount.

We have every facility for keeping a large stock of everything enumerated in this Catalogue, and are therefore determined to adopt the system of quick sale and ready money. All who enclose remittances will be most liberally dealt with.

Our establishments are open for business, &c., from 6 o'clock a.m. until 6 p.m., and 5 o'clock p.m. on Saturday. No visitors admitted on Saturday evenings and Sundays. Closed on all Bank Holidays.

Customers are particularly requested, when sending orders for friends (with their own), to do so on separate papers, with each address written plainly, to prevent mistakes.

WHEN SPECIAL QUOTATIONS ARE GIVEN, CUSTOMERS ARE KINDLY REQUESTED TO MENTION SUCH.

To avoid delay and disappointment, all business communications must be sent direct to the firm, addressed "H. CANNELL & SONS," otherwise they will remain unnoticed. Telegraphic Address, "CANNELL, SWANLEY."

Post Office Orders to be made payable at Swanley, Kent.

All Cheques to be made payable to H. CANNELL & SONS, and crossed Martin's Bank, Swanley, Kent.

Our Terms of Credit are three months only from date of invoice. As in co-operative societies, we do not demand payment beforehand, unless from unknown correspondents, when satisfactory references to bankers, or some person already known, are equally acceptable. So as to encourage quick returns and but small profits, we allow 5 per cent. discount on all payments made within 14 days of date of invoice, but after that date must be remitted in full. When special prices are quoted, accounts are payable one month from date of invoice and no discount.

We hope all customers will apprise us of change of address, thus saving the annoyance to them of redirection and surcharge by postal officials and loss of double postage to us when returned; a halfpenny card would thus save us a shilling, and often pounds.

NOTICE.—We grow our own Seeds, and every possible pains taken, and the strictest attention is paid to have and supply every item as per Catalogue; but there are so many always anxious to rush into litigation for the sake of compensation for any trifle, and failures which may occur over which we have no control, that we are compelled to issue this notice:—

CANNELL & SONS give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any Seeds or Bulbs they send out, and they will not be in any way responsible for the Crop. If the purchaser does not accept the goods upon these terms they are to be returned. These conditions will be found in all Seed Catalogues.

Cannell & Sons' Complete Seed Guide.

THE VALUE OF PERFECT SEEDS.

UPON these, the hope, pride, pleasure, and satisfaction of the garden entirely rest during the whole year. We have often seen people admire inferior productions and been contented, but the moment they see something vastly superior, then comes the great surprise and astonishment that they should have been so long satisfied with what they have had. There are many thousands standing in this position all over the world. Now, we will ask you how all the gentlemen (see testimonials), who are perfectly unknown to each other, therefore cannot have the slightest interest or feeling beyond stating facts concerning our seeds, for the sole purpose of showing satisfaction they have given, and no doubt the great object they had at heart was to benefit their fellow countrymen. It is now an acknowledged fact by all who have had them that they are the best offered in Europe.

SEEDS SHOULD COME UP STRONG!

IT is of immense advantage when land is manured and dug not later than January, so that it can be left rough during greater part of the winter season, and thus let the surface get thoroughly frozen through, particularly heavy land; it is astonishing how it crumbles to pieces, as if it was ashes. The small seeds come up when sown in it beautifully, in consequence of the soil being so friable; whereas, if the ground is dug later, in all probability there is not sufficient frost to pulverise the lumps. The strongest seedlings cannot have much strength, and more often than not are covered over as it were with a flag-stone; so they are crippled, and often die in their attempt to reach the daylight. If seeds are old and have lost greater part of their vigour, the crop must be a failure, and those that struggle through and survive can only be compared to a poor sickly crippled child, requiring extra attention, and must be judiciously supplied with plenty of good food or they will never grow up, and even then far from satisfactory—how can they? Think over the matter: nature does a lot, but man must use common sense to be successful. As a rule, seeds should be covered with soil about double their depth (excepting Begonia and other very minute seeds). It must also be remembered that all seeds should be kept at one regular state of moisture even after they have germinated, so as to allow the young radicals or roots to attain sufficient length, and thus have power to gather up moisture and sustenance to supply the plant; for the better this is attended to, so will the plant do accordingly. Good heavy well-developed seeds are a great secret in securing a thoroughly satisfactory crop.

**PLEASE KEEP YOUR EYES ON THIS BOOK FOR
REFERENCE AND INFORMATION WHEN ORDERING
EVERYTHING FOR THE GARDEN.**

OUR FOREIGN TRADE.

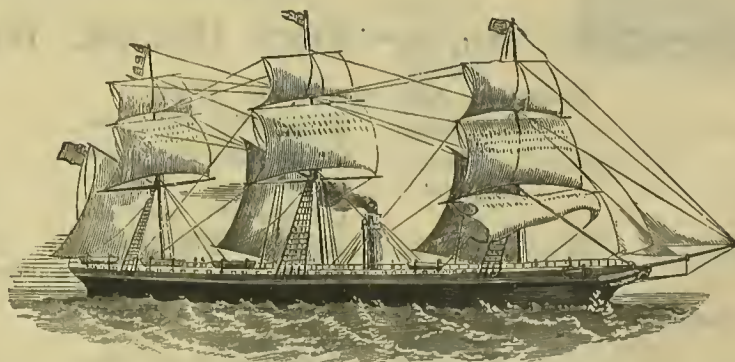
WE have so perfected the system of sending plants and seeds into the most remote parts of the world that success is no longer an uncertainty, which the testimonials confirm.

FOR EXPORT.

.....
COLLECTIONS
OF
VEGETABLE SEEDS

supplied from

5/- up to £10.



FOR EXPORT.

.....
COLLECTIONS
OF
FLOWER SEEDS

supplied from

2/6 up to £5.

H. CANNELL & SONS, F.R.H.S., M.S.A.,

Importers and Exporters of all New and Choice Plants, Florists' Flowers and Seeds, to and from all parts of the World.

FOREIGN AND COLONIAL NOTICES.

Plants and Seeds are despatched to India through the Indian Parcel Post, and also by the Ordinary Mail. Customers will kindly notify by which service they wish their parcels sent.

In America, Australia, India, and Cape Town, the general expression amongst both the trade and amateurs is—"None are so successful in exporting plants as Cannell & Sons;" consequently, we need hardly say our trade has increased to a very great extent.

When Soft-wooded Plants are received abroad, if dry, let them lie in milk-warm water for half an hour, without removing the packing from the roots; then unpack and put in pots, according to size, and if convenient put in a glass case, being careful to shade from the sun until they make fresh growth.

All orders must be fully prepaid.

Telegraphic Address: "CANNELL, ENGLAND."

Cannell & Sons' Complete Seed Guide.

CANNELLS' COLLECTION OF HOME GROWN PERFECT SEEDS,

FOR PRODUCING A

REGULAR SUPPLY of VEGETABLES ALL THE YEAR ROUND for the TOWN, SUBURBAN, and COUNTRY GENTLEMEN'S GARDENS.

CARRIAGE FREE.

We have one of the most complete Kitchen Gardens in England, and everything therein to supply our customers at the very cheapest rate and the best in every way.

We should be pleased, if any of our customers wish it, to make up Collections as arranged by any other well-known Firms, and at the same prices as advertised.

No reduction in the prices of these Collections, but shall be pleased to make slight alterations in contents if desired.



No. 1.—Price 2s. 6d., for a Cottage Garden.

No. 2.—Price 5s., for a Cottage Garden.

No. 3.—Price 7s. 6d., for an Amateur's Garden.

No. 4.—Price 10s. 6d., for a Small Garden.

PACKING AND CARRIAGE FREE.

Peas—For succession ... ..	...6 pints	Cress—Plain and Curled ... ..	...2 ounces
Beans—Broad ... ..	...1½ „	Cucumber—For outdoors ... ..	...1 packet
„ —Scarlet Runners ... ..	...½ pint	Leek ... ..	...1 „
„ —Dwarf ... ..	...½ „	Lettuce—For succession ... ..	...2 packets
Beet—The best ... ..	...1 packet	Mustard—Best White ... ..	...2 ounces
Borecole, or Kale ... ..	...1 „	Onion—For Spring and Autumn sowing ... ..	...3 packets
Brussels Sprouts—Cannells' Matchless ... ..	...1 „	Parsley ... ..	...1 packet
Broccoli ... ..	...1 „	Parsnip ... ..	...1 „
Cabbage—For succession ... ..	...2 packets	Radish—For succession... ..	...2 packets
Carrot—For Winter and Summer use ... ..	...2 „	Spinach—Round and Prickly ... ..	...2 ounces
Cauliflower ... ..	...1 packet	Savoy Cabbage ... ..	...1 packet
Celery ... ..	...1 „	Turnip ... ..	...2 packets
		Vegetable Marrow ... ..	...Mixed 1 packet

No. 5.—Price 10s. 6d., Vegetable and Flower Seeds Combined.

PACKING AND CARRIAGE FREE.

Peas—2 kinds, early and late... ..	... 2 pints	Cauliflower ... ..	... 1 packet
Beans—Runners ... ..	... ½ pint	Cress ... ..	... 1 ounce
„ —Broad ... ..	... 1 „	Cucumber—Ridge ... ..	... 1 packet
Beet ... ..	... 1 packet	Carrot... ..	... 1 „
Brussels Sprouts ... ..	... 1 „	Endive ... ..	... 1 „
Borecole ... ..	... 1 „	Lettuce ... ..	... 1 „
Broccoli ... ..	... 1 „	Leek ... ..	... 1 „
Cabbage ... ..	... 1 „	Mustard—White ... ..	... 1 ounce
„ Savoy ... ..	... 1 „	Onion ... ..	... 1 packet
Celery ... ..	... 1 „	Parsley ... ..	... 1 „

Cannell & Sons' Complete Seed Guide.

No. 5—continued.

Parsnip	...	...	...	...	...	1/2 ounce	Aster	...	...	...	...	...	1 packet
Radish	...	...	...	...	...	1 "	Ten-Week Stock	...	...	...	...	...	1 "
Spinach	...	...	...	...	...	1 "	Everlasting Flowers	...	...	...	...	...	1 ;
Turnip...	...	...	...	...	...	1 "	Ornamental Grasses	...	...	...	...	...	1 .
Vegetable Marrow	...	...	...	...	...	1 packet	Sweet Peas	...	...	...	...	...	1 "
Showy Hardy Annuals	...	...	...	...	...	3 packets	Mignonette	...	...	...	...	...	1 "
Half-Hardy	"	...	...	...	...	3 "	Sunflower	...	...	...	...	...	1 "
Balsam	...	...	...	...	...	1 packet							

Higher Priced Collections of Vegetable and Flower Seeds combined can also be supplied.

No. 6.—Price 21s., for a Medium-Sized Garden.

PACKING AND CARRIAGE FREE.

Peas—The best for succession	...	...	...	6 quarts	Cucumber—Best frame and ridge varieties	...	2 packets
Beans—Broad...	...	...	...	3 pints	Endive...	...	1 packet
" —French, Dwarf	...	...	...	1 pint	Herbs—Sweet and Pot	...	3 packets
" —Runners	...	...	...	1 "	Leek—Musselburgh	...	1 packet
Beet—The best	...	...	...	1 packet	Lettuce—Cos and Cabbage, for succession	...	3 packets
Borecole, or Kale	...	...	...	1 "	Melon—Choice	...	1 packet
Broccoli—Finest sorts for succession	...	...	...	3 packets	Mustard—Best White	...	4 ounces
Brussels Sprouts—Cannells' Matchless	...	...	...	1 packet	Onion—For Spring and Autumn sowing	...	3 packets
Cabbage—For succession	...	...	...	3 packets	Parsley	...	1 packet
Carrot—Two kinds	...	...	...	2 ounces	Parsnip—Cannells' Hollow Crown	...	1 ounce
Cauliflower	...	...	...	1 packet	Radish—For succession	...	3 ounces
Celery—Good varieties, including Cannells' Heartwell					Salsafy	...	1 packet
White	...	...	...	2 packets	Scorzonera	...	1 "
Colewort	...	...	...	1 packet	Savoy Cabbage	...	1 "
Corn Salad	...	...	...	1 "	Spinach—Summer and Winter varieties	...	4 ounces
Couve Tronchuda	...	...	...	1 "	Tomato	...	1 packet
Cress—Plain and Curled	...	...	...	3 ounces	Turnip—For succession, including Cannells' Six Weeks	...	3 ounces
" —American or Land	...	...	...	1 packet	Vegetable Marrow	...	1 packet

No. 7.—Price 42s., for a Large Garden.

PACKING AND CARRIAGE FREE.

Peas—The best sorts for succession	...	...	10 quarts	Gourds, only if requested	...	1 packet
Beans—Broad, the best varieties	...	...	4 pints	Herbs—Sweet and pot	...	4 packets
" —French, Dwarf	...	...	2 "	Leek—Musselburgh	...	1 packet
" —Runners	...	...	1 pint	Lettuce—Cos and Cabbage, including the best		
Asparagus, only if requested	...	...	1 packet	varieties for succession and Autumn sowing	...	4 packets
Beet—The best, including Nutting's dark red	...	...	2 ounces	Melon—Choice varieties	...	2 "
Borecole, or Kale—The best	...	...	3 packets	Mustard—Best white...	...	1 pint
Broccoli—Best sorts for succession	...	...	4 "	Onion—For summer and winter use...	...	4 1/2 ounces
Brussels Sprouts—Including Cannells' Matchless	...	...	2 "	Orache, or Mountain Spinach	...	1 packet
Cabbage—For succession	...	...	4 "	Parsley—Cannells' "Beauty of the Parterre," the		
Capsicum—Mixed	...	...	1 packet	finest in cultivation...	...	1 ounce
Carrot—The best sorts for succession	...	...	5 ounces	Parsnip—Including Cannells' Hollow Crown	...	3 ounces
Cauliflower—For succession	...	...	2 packets	Radish—The finest sorts for succession	...	8 "
Celery—Selected varieties, including Cannells'				Rampion	...	1 packet
Heartwell White	...	...	2 "	Salsafy	...	1 "
Colewort	...	...	1 packet	Savoy Cabbage—The best	...	2 packets
Corn Salad	...	...	1 "	Scorzonera	...	1 packet
Couve Tronchuda	...	...	1 "	Spinach—Round and Prickly	...	1 1/2 pints
Cress—Plain and curled	...	...	8 ounces	Tomato	...	1 packet
" —American or Land	...	...	1 ounce	Turnip—Finest sorts for succession, including		
Cucumber—The best frame and ridge varieties	...	...	2 packets	Cannells' Six Weeks	...	4 ounces
Endive	...	...	2 "	Vegetable Marrow...	...	2 packets

Cannell & Sons' Complete Seed Guide.

No. 8.—Price 63s., for a Very Large Garden.

PACKING AND CARRIAGE FREE.

Peas—Including the best varieties for succession ...	18 quarts	Endive—Including fine Green Curled ...	3 packets
Beans—Broad, the best kinds ...	4 „	Gourds, only if requested ...	1 packet
„ —French Dwarf ...	2 pints	Herbs—Pot and Sweet ...	6 packets
„ —Runners ...	2 „	Leek—The best ...	1 ounce
Asparagus, only if requested ...	1 packet	Lettuce—Cos and Cabbage varieties ...	5 packets
Beet—2 of the best kinds ...	2 ounces	Melon—Choice varieties ...	2 „
Borecole, or Kale ...	3 packets	Mustard—Best White ...	1 quart
Broccoli—For succession ...	5 „	Onion—For Spring and Autumn sowing ...	8 ounces
Brussels Sprouts—Including Cannells' Matchless ...	2 „	Orache, or Mountain Spinach ...	1 packet
Cabbage—The best kinds for succession ...	5 „	Parsley—Cannells' "Beauty of the Parterre" ...	2 packets
Capsicum—Choice mixed ...	1 packet	Parsnip—Including selected Hollow Crown ...	4 ounces
Carrot—The best kinds ...	7 ounces	Radish—The best sorts for succession ...	14 „
Cauliflower—For succession... ..	2 packets	Rampion ...	1 packet
Celery—Selected varieties, including Cannells' Heartwell White ...	2 „	Salsafy ...	1 ounce
Colewort ...	1 packet	Savoy Cabbage—Including Drumhead ...	2 packets
Corn Salad ...	1 ounce	Scorzonera ...	1 ounce
Couve Tronchuda ...	1 packet	Spinach—Summer and winter varieties ...	2 pints
Cress—Plain, Curled, &c. ...	2 pints	Tomato—The best ...	2 packets
„ American or Land ...	1 ounce	Turnip—For succession, including selected Early Six Weeks ...	8 ounces
Cucumber—Best Frame and Ridge varieties ...	3 packets	Vegetable Marrow... ..	3 packets
Egg Plant—Mixed, only if requested ...	1 packet		

No. 9.—Price 105s., for an Extra Large Garden, Public Institutions, Hotels, &c.

PACKING AND CARRIAGE FREE.

Peas—Including the best varieties for succession ...	21 quarts	Egg Plant—Mixed ...	1 packet
Beans—Broad, the very best varieties ...	6 „	Endive—The best, including fine Green Curled ...	4 packets
„ —French Dwarf ...	4 pints	Gourds, only if requested ...	1 packet
„ —Runners ...	4 „	Herbs—Pot and Sweet ...	6 packets
Asparagus, only if requested ...	1 ounce	Leek ...	1 ounce
Beet—2 of the best kinds ...	4 ounces	Lettuce—Best varieties for Spring and Autumn sowing ...	8 packets
Borecole, or Kale ...	4 packets	Melon—Choice varieties ...	3 „
Broccoli—Including the best sorts for succession... ..	6 „	Mustard—Best white ...	2 quarts
Brussels Sprouts—Including Cannells' Matchless ...	3 „	Onion—The best for summer and winter use ...	10 ounces
Cabbage—For succession ...	6 „	Orache, or Mountain Spinach ...	1 packet
Capsicum—Choice mixed ...	1 packet	Parsley—Cannells' "Beauty of the Parterre" ...	3 ounces
Carrot—All the very best kinds ...	10 ounces	Parsnip—Including selected Hollow Crown ...	6 „
Cauliflower—For succession ...	4 packets	Radish—For succession ...	2 pints
Celery—Selected varieties, including Cannells' Heartwell White ...	3 „	Rampion ...	1 packet
Colewort ...	1 packet	Salsafy ...	1 ounce
Corn Salad ...	1 ounce	Savoy Cabbage—Including Drumhead ...	3 packets
Couve Tronchuda ...	1 packet	Scorzonera ...	1 ounce
Cress—Plain, Curled ...	3 pints	Spinach—For summer and winter use ...	3 pints
„ —American or Land ...	1 ounce	Tomato—Best varieties ...	3 packets
„ —Australian ...	1 „	Turnip—Including Cannells' Early Six Weeks ...	1½ pints
Cucumber—The best Frame and Ridge varieties ...	3 packets	Vegetable Marrow... ..	3 packets

Farmers, Market Gardeners, and Public Institutions, when in want of Seeds in Large Quantities, should write to us for Special Quotations. No Extra Charge for Estimates or Information.

Cannell & Sons' Complete Seed Guide.

GENERAL LIST OF VEGETABLES.

YOU OUGHT TO COME AND CAST YOUR EYES OVER THE BEST VARIETIES WHEN THEY ARE GROWING.

THE GERMINATING QUALITIES OF ALL OUR SEEDS ARE TRIED BEFORE SENDING THEM OUT



Those of our esteemed Patrons who have proved the value of our Collections of "Perfect Seeds," we respectfully request to acquaint their Friends of our Firm.

PEAS.

(*Pisum Sativum*.) LEGUMINOSÆ.

CULTURE.—Trenching or deep digging is highly necessary for Peas, in fact, all vegetable culture; even this is nearly always done as unwisely as can be. Take all the top good soil off and throw in on the second trench, keeping the top on the top, and then thoroughly break up the lower spit (adding plenty of manure), which is generally very inferior, another foot: this done, the ground is then of double value—in fact, every inch of soil should be done thus, and then our crops would be for ever considerably more productive. The ground should be well pulverised and enriched with good manure, burnt rubbish, and lime. The earliest varieties may be sown about the second or third week in November, or first week in December, another sowing in January, and continuous sowings in the order they stand, every three weeks, up to the end of July. Sow in rows four to seven feet apart (according to height, which varies wonderfully): for instance, when about five or six inches above ground, thin out if required, and properly stick. We find boards edgeways along the rows on the windward side capital protection. In a dry summer like 1893, when the Pea season was brought to a premature close, the advantages that may be derived from planting them in trenches were more apparent than usual. On soils of a light and burning nature, this is the only way whereby good crops of this vegetable may be ensured. If the trenches are taken out in the winter time, and the soil laid up on each side of them, it will sweeten, and when the time comes for sowing, be in a much better condition than digging can bring it to. If the refuse from the rubbish heap, mixed with its own bulk of manure, be laid in the bottom of the trenches, the roots will find their way into it, greatly to their benefit, when dry exhaustive weather comes. The difference in the yield of peas grown in this way is great compared to the ordinary method.

The general height is here given of the various kinds of Peas, but, of course, the season and quality of the soil will cause a difference.

SECTION I., or EARLIEST VARIETIES.

Height in feet.	Per qt. s. d.
--------------------	------------------

Cannells' "English Wonder."—In again offering this new and valuable first early Pea we have no hesitation in repeating all we said of it last season. It is, without doubt, the finest dwarf wrinkled early Pea, as we think the accompanying unsolicited testimonials and extracts from the various gardening papers will prove. The haulm grows from 1 ft. to 16 ins. high, and is covered with beautiful carved dark green pods, produced in pairs, literally packed with 8, 9, and in many cases 10 and 11 peas of first-class flavour when cooked

1	3	0
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(9)



PEA, CANNELLS' "ENGLISH WONDER."

Cannell & Sons' Complete Seed Guide.

CANNELLS' INVALUABLE NEW EARLY WRINKLED PEA.



CANNELLS' "ENGLISH WONDER." (See page 47.)

Certainly the best Dwarf Early. Testimonials from all the leading Vegetable Growers confirming this.

NEW PEAS OF 1893.

Alderman—The largest and handsomest podded pea; a most prolific and high quality variety. Received XXX, the highest award, from the R.H.S. after trial at Chiswick, 1891; averaging in height 5 feet, producing a few days later than *Duke of Albany*; very large, handsome, straight, deep green and well-filled pods, of the *Ne Plus Ultra* flavour and quality, whilst nearly every pod is fit for show. In sealed quarter-pint pkts., 2s. 6d.

Ambassador—Awarded a Certificate of Merit by the R.H.S. A main crop wrinkled pea, growing 5 feet, producing profusely deep green, long-pointed, well-filled pods, the peas retaining their beautiful colour when cooked; of the finest flavour; a great acquisition. In sealed half-pint pkts., 1s. each.

Censor—Awarded Full Marks by the R.H.S. A deep green wrinkled marrow, height 3 feet, producing most profusely large, deep green, well-filled, pointed pods; peas large, and of the most exquisite flavour; fine, robust grower; a most desirable variety. In sealed half-pint pkts., 2s. 6d.

Epicure—Awarded Full Marks by the R.H.S. A green wrinkled marrow, growing 5 feet, producing an abundance of large, deep green pointed pods, containing from 9 to 12 large peas of the highest quality, which retain their beautiful green colour when cooked; a pea of very great merit. In sealed half-pint pkts., 2s.

Essential—Awarded a First-class Certificate by the R.H.S., 1891. A wrinkled (the early) marrow; produces abundantly square, handsome, well-filled, deep green pods, the peas retaining their beautiful deep green colour when cooked; exquisite flavour; a great acquisition. If sown in pots in January, and planted out in March, may be had very early. Height, 5 feet. Per pint, 1s. 6d.

Fame—Awarded a First-class Certificate by the R.H.S., 1891. A main crop wrinkled pea, growing 4 feet, producing profusely deep green, square-ended, well-filled pods; an improved *Ne Plus Ultra*, coming into use much earlier than the fine old variety of that name; flavour exquisite. Per pkt., 1s.

Gradus—A large-podded first early wrinkled variety, and is alike good for table and for show; deep green coloured pods and well filled. Awarded a First-Class Certificate at Chiswick after trial. In sealed quarter-pint pkts., 2s. 6d.

Heroine—A wrinkled marrow of robust growth; second early, producing most abundantly long-pointed, well-filled pods; flavour exquisite; fine for field culture. Height, 2½ feet. Per pint, 1s. 6d.

Highclere Surprise—A new pea of great excellence, and without doubt the handsomest and finest second early prolific pea yet introduced. It grows from 4½ to 5 feet high, and bears with the greatest profusion long handsome pods, mostly in pairs, each pod containing ten to eleven peas, which, when boiled, are of a dark green colour and excellent flavour. One of its chief qualities is that it produces pods when a foot high, then commences to branch; seed in consequence should be sown thinly. Per half-pint pkts., 1s. 6d.

Renown—A green wrinkled marrow of robust growth; a very fine main crop variety, producing abundantly deep green, square, well-filled pods; flavour first-rate. Height, 2½ feet. Per pint, 1s. 6d.

Superabundant—This is a dwarf marrow pea, deep green in colour, an immense cropper; a fine market Pea of the finest quality. Height, 2½ feet. In sealed half-pint pkts., 1s. 6d.

The Digswell—A magnificent new pea, which we can specially recommend for its remarkable productiveness, excellent quality, and delicious flavour. Its habit is very robust, which enables it to resist drought and mildew better than most varieties. The pods are straight, of medium size, and closely filled with very large peas, which, when cooked, are of a beautiful green. Height, 5 feet. Per pint, 2s.

The Don—Awarded a First class Certificate by the R.H.S., under the name of *Quality*. A wrinkled marrow, producing abundantly deep green, square ended, well-filled pods; *Ne Plus Ultra*-like Pea, of exquisite flavour, coming into use earlier than *Fame*. Height, 4 feet. Per pint, 1s. 6d.

The Echo—Awarded a First-class Certificate by the R.H.S., 1891. A most prolific dwarf wrinkled marrow, coming in ten days before *Renown*; of very superior quality. Height, 2 feet. Per pint, 1s. 6d.

Cannell & Sons' Complete Seed Guide.

SECTION I. ; or EARLIEST VARIETIES.

	Height in feet.	Per qt. s. d.
American Wonder —A well-known early variety, compact in habit, good for forcing, must have good well prepared soil; green wrinkled	1	2 0
Daniel O'Rourke —A well-known kind	3	1 0
Dillestone's Early —A good cropping early variety	3	1 0
Dr. Hogg —An early wrinkled Marrow, possessing the flavour of some of the late varieties	3½	2 0
Early Sunrise —A first-rate white wrinkled Marrow, suitable for sowing late or early; fine flavour	2½	1 9
First and Best —One of the best for early sowing	3	1 0
Kentish Invieta —The earliest blue Pea in cultivation, with handsome, well-filled pods	3	1 0
Lightning —The earliest of all white round Peas; a good cropper	3	1 6
Ringleader, or First Crop —Very early, hardy, and productive	2½	1 3
Sangster's No. 1, Improved —A very early variety, ready for gathering about a week earlier than the old variety of Sangster's No. 1	3	1 3
William the First —A remarkably fine early Pea, most productive; rich, sweet flavour	3½	1 9

We can also supply the following varieties:—

Blue Chinese.	Climax.	Exonian.
Chelsea Gem.	Earliest of All.	Wm. Hurst.



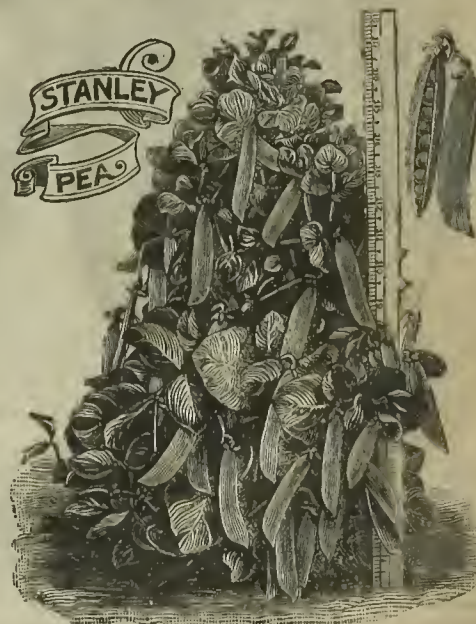
SANGSTER'S IMPROVED NO. 1 PEAS.

KENTISH INVICTA PEAS.

We invite our Customers to write to us for Special Prices when requiring larger quantities than are offered here, but more especially of Beans, Cabbage, Onion, Peas, Spinach, and Turnips.

SECTION II. ; or, SECOND EARLY VARIETIES.

	Height in feet.	Per qt. s. d.
Advancer —Green wrinkled Marrow; abundant bearer	3	1 6
Champion of England —One of the most useful Peas, and can be relied on. It is hard to heat, very prolific, continuous bearer, and does best in light soils	5	1 3
Colossus —A second early wrinkled Pea, with very long well-filled pods of a light green colour, many containing 12 large peas of the finest flavour; a great cropper in sealed ½-pint packets 2/0	5	
Hundredfold, or Cook's Favourite —A sure and heavy cropper; capital flavour	4	1 6
Laxton's Alpha —A fine early Marrow Pea, haulm completely covered with well-filled pods	2½	1 6
Laxton's Fillbasket —A very prolific Pea, the pods long, curved, and closely filled; a deep green colour; suitable for exhibition	3	1 6
Laxton's Supreme —An excellent variety, with long pods; grown extensively by market gardeners	4	1 4
McLean's Little Gem —An early dwarf wrinkled Marrow, requiring no sticks; may be sown for late as well as early crops	1	1 9
Prince of Wales —A first-class white wrinkled Pea of excellent flavour; good cropper	3	1 9
Prizetaker —Very prolific Pea, of a fine green colour	4	1 6
Sharpe's Queen —A blue wrinkled Marrow of sturdy branching habit. The pods are long, slightly curved, neat, and packing close; the Peas are of full average size, seven to eight in a pod; deep green, and of a delicious flavour	2½	2 6
Shropshire Hero —A second-early dwarf wrinkled Pea, robust and productive. First-Class Certificate Royal Horticultural Society	2	0
Stratagem —A dwarf wrinkled variety of robust habit, with immense pods, containing 8 to 10 rich flavoured peas	2	2 0
The Stanley —Large, well-filled pod, dwarf stocky vine, and needs no sticking. It is very sweet, inheriting from both parents— <i>American Wonder</i> and <i>Telephone</i> —their delicacy of flavour. In rich soil it grows about 18 inches high. They mature very evenly, so that almost the entire crop can be taken at one picking	1½	3 0
Victor —Pods produced in pairs, each containing on an average six to seven large peas of the finest flavour	2½	2 0



THE STANLEY.

	Height in feet.	Per qt. s. d.
Walker's Perpetual Bearer —Of robust habit, a great cropper and continuous bearer, resisting the mildew renders it very valuable as a late variety; should be sown very thinly	3	1 9
William the Conqueror —A first-rate second early blue Marrow, coming into use about the same time as William the First. Dark green pods, well filled. The best Pea for market gardeners	5	1 6
Yorkshire Hero —A superior wrinkled variety, compact habit, dark green foliage, flavour good	2½	1 6

We can also supply the following varieties:—

Abundance	Huntingdonian
Criterion	McLean's Wonderful
Dickson's Favourite	Prodigy
Gladiator	

Cannell & Sons' Complete Seed Guide.



CANNELLS' DWARF MAMMOTH MARROWFAT.

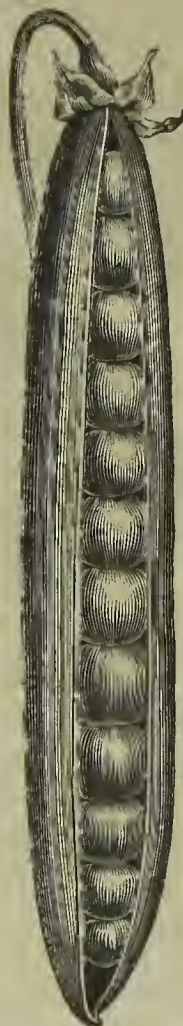
SECTION III. ; MAIN, or GENERAL CROP.

	Height in feet.	Per qt. s. d.
Autocrat —We find this variety one of the most prolific Peas in cultivation. It continues bearing for a considerable time—in fact, when the crop of this kind was ready for harvesting, pods suitable for the table were found in abundance. Should be sown early, those required for late picking must be well sticked 4 2 6		
Best of All —A splendid wrinkled variety for the main crop, its quality, robust habit, and productiveness will recommend it to any grower of wrinkled peas 3 1 9		
British Queen —A delicious wrinkled Pea, very prolific, and continues bearing for a great length of time 6 1 9		
Cannells' Dwarf Mammoth Marrowfat —Heavy cropping, dwarf, dark rich green; delicious flavour 3 2 6		
Cannells' Satisfaction —Average cropper, pods curved and well-filled, quite distinct, colour very rich, flavour all that can be desired 3 3 0		
Consummate —Awarded a First-Class Certificate by the Royal Horticultural Society. A main-crop green Wrinkled Marrow, producing a great abundance of long well-filled pods; a pea of exquisite flavour. Being dwarf and a very heavy cropper, it is well adapted for field culture. In sealed $\frac{1}{2}$ -pint packets, 1/0 24		
Dignity —A grand main crop variety, suitable for exhibition; highly recommended 5 1 3		
Dr. McLean —Blue wrinkled Marrow, vigorous habit, dark green foliage, immense pods, one of the best for a main crop 3 $\frac{1}{2}$ 1 6		
Duke of Albany —An excellent cropper, and invaluable for exhibition, the pods being of immense size, fully 6 inches in length, and filled with fine peas of excellent flavour 6 2 6		
Duke of Connaught —A first-class exhibition variety; distinct, stock limited 4 2 6		
Fortyfold —Excellent quality and very prolific 5 1 3		

Cannell & Sons' Complete Seed Guide.



STRATAGEM PEA.



TELEPHONE PEA.



PRINCE OF WALES PEA.

	Height in feet.	Per qt. s. d.
Juno —A wonderfully fine late dwarf variety, very prolific, with the quality of <i>Ne Plus Ultra</i> , but growing only 18 inches high ... in sealed $\frac{1}{2}$ -pint packets, 1/0	1½	
Magnificent —A grand new main crop Pea, robust habit, and produces abundantly large square-ended pods well filled ...	5	1 0
Ne Plus Ultra —Notwithstanding the many improvements and numerous introductions of new peas, this old favourite still maintains its position as a late variety. It continues growing and bearing for weeks, whilst some varieties produce one flush of pods and are over in a very short time ...	6	1 6
Omega —A dwarf Pea of the <i>Ne Plus Ultra</i> type ...	2½	1 9
Pride of the Market —A capital large round variety ...	2	2 0
Royal George —A splendid wrinkled Marrow, not usually offered, but a good one ...	6	1 0
Royal Jubilee —One of the largest podded Peas we have ever grown; one of the best for exhibition, and the best flavour of all; a good all-round kind ...	4	3 0

	Height in feet.	Per qt. s. d.
Sensation —A Wrinkled Marrow of exceptional excellence, surpassing any variety in cultivation both as to size, flavour, and its extraordinary yielding powers. It grows 3 feet high, and owing to its vigorous habit, half the quantity of seed usually sown will suffice. Stock limited ... in sealed $\frac{1}{2}$ -pint packets, 1/6	3	
Telegraph —A distinct variety, and a strong grower ...	5	2 0
Telephone —A wrinkled variety, selected from <i>Telegraph</i> , an immense cropper, peas very large, and of exquisite flavour; fine for exhibition... ..	5	2 0
Veitch's Perfection —One of the best for the main crop... ..	3	1 6

We are prepared to supply collections of Peas in different quantities according to requirements, and consisting of the best and most suitable varieties, at current prices.

We can supply at Advertised Prices other varieties of Peas not in this List.

Cannell & Sons' Complete Seed Guide.

BROAD BEANS.

(*Faba vulgaris*.) LEGUMINOSÆ.

CULTURE.—For an early crop, a sowing should be made of Mazagan in October or November on well drained soil. The main crop should be sown in February, and others to follow up to the end of May. Sow in drills, about 2 inches deep, the beans to be 3 inches apart, and the drills 2 to 3 feet apart. The ground dug and well manured. To ensure well-filled pods it is a good plan to pinch off the leading tops as soon as the lower pods begin to set.

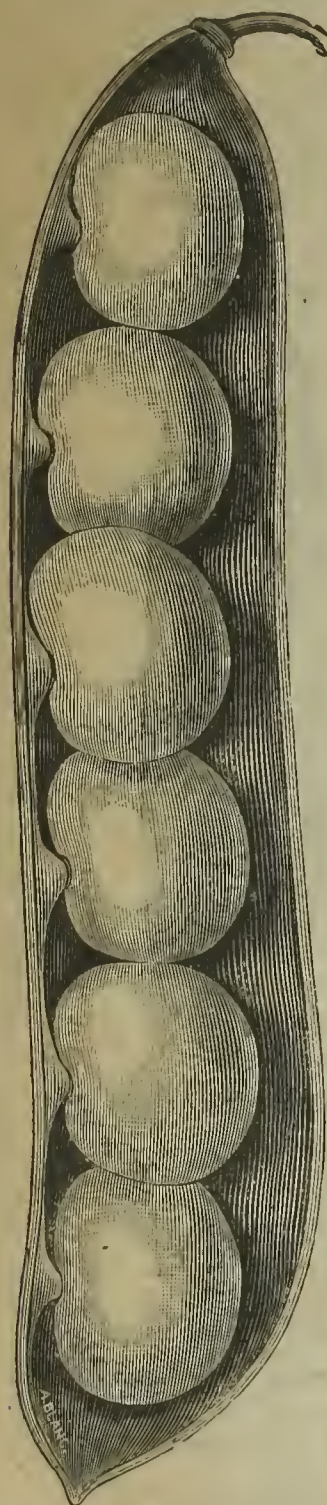
	Per quart.—s. d.
Beek's Dwarf Green Gem—An excellent dwarf sort, only one foot high	2 6
Cannells' Exhibition Long Pod—This is undoubtedly the finest and most productive Long Pod Broad Bean we have ever seen, and is by far the best Bean in cultivation for exhibition. We have had pods measuring one foot in length well filled with beans, and are quite confident it is a splendid introduction	3 6
Cannells' Giant Seville Long Pod—This variety is one of the longest podded beans in cultivation, consequently it is well adapted for exhibition purposes; good cropper, and of fine flavour	1 6
Cannells' Green Windsor—Splendid colour when cooked, and fine flavour. A grand improvement on the old variety	1 9
Early Mazagan—The best for the first sowing	0 9
Green Long Pod—Very fine, and a nice colour when cooked	1 3
Harlington Windsor—The largest and most prolific Windsor Bean in cultivation	1 9
Johnson's Wonderful Long Pod—Very early, and a good cropper	0 9
Taylor's Broad Windsor—Large, and fine flavour... ..	1 6

RUNNER OR CLIMBING BEANS.

(*Phaseolus multiflorus*.) LEGUMINOSÆ.

CULTURE.—It is a common mistake to plant these too early. Sowings may be made in April, under glass, and the plants put out about the middle of May where they are to stand. If, however, they are to be sown in the open ground, do not put them in until the first week in May and again in June and July. This is the vegetable for a hot and dry season. When thickly mulched and watered they will bear heavily, and deserve all the labour of watering afforded them. They should be occasionally topped, to induce side growth, and if possible stakes or supports of some kind should be used as it allows of much finer growth and increased production of pods.

	Per quart.—s. d.
Cannells' Scarlet—A great improvement upon the old variety, produces very long pods, flesh and tender; a heavy cropper	1 6
Cannells' Ne Plus Ultra—The best for exhibition and main crop, producing an enormous quantity of extraordinary pods of splendid form, from 10 to 14 inches long, and quite straight. To grow it to perfection each bean should be planted 1½ feet apart in the rows	2 6
Cannells' White Czar—Is an enormous podded white runner Bean, the pods of which run from 12 to 16 inches in length, are very thick, fleshy, and almost stringless, often 2 inches in diameter, and produced in clusters. It is also somewhat earlier and harder than the Scarlet Runner. The tendency of the Czar is to form thick fleshy pods and few seeds, and no other Bean approximates this for size, quality, and productiveness, and although the pods reach an immense size, the flavour is extremely delicate	3 0
Champion—A select stock of the old Scarlet Runner	1 6
Giant White—A wonderful cropper, long pods, which are very tender; a capital exhibition variety	1 6
Painted Lady—Very handsome, scarlet and white flowers; very ornamental as well as useful	1 8
"Titan"—The A1 Scarlet Runner. Raised from a very fine selection of the White Czar crossed with the Girtford Giant. Titan is a great advance on both its parents. The enormous yet handsome broad and straight pods, produced in clusters, are quite as large as those of the Czar, but straighter; very fleshy, and almost stringless up to maturity, and when cooked are of great delicacy. No other Scarlet Runner Bean approaches this in size, appearance, and productiveness. Easily gathered, and the growth being rapid, the pods may be eaten of considerable size, the fleshy portion largely predominating even in full-sized pods; the great breadth of the pod also renders them better adapted for slicing. Titan is also a very hardy Bean, and the seed, which is very large, ripens earlier than that of the Czar, rendering this new variety not only the finest but the most useful and profitable to grow either for table or market, while for exhibition purposes it is unequalled	per pkt. 2 0



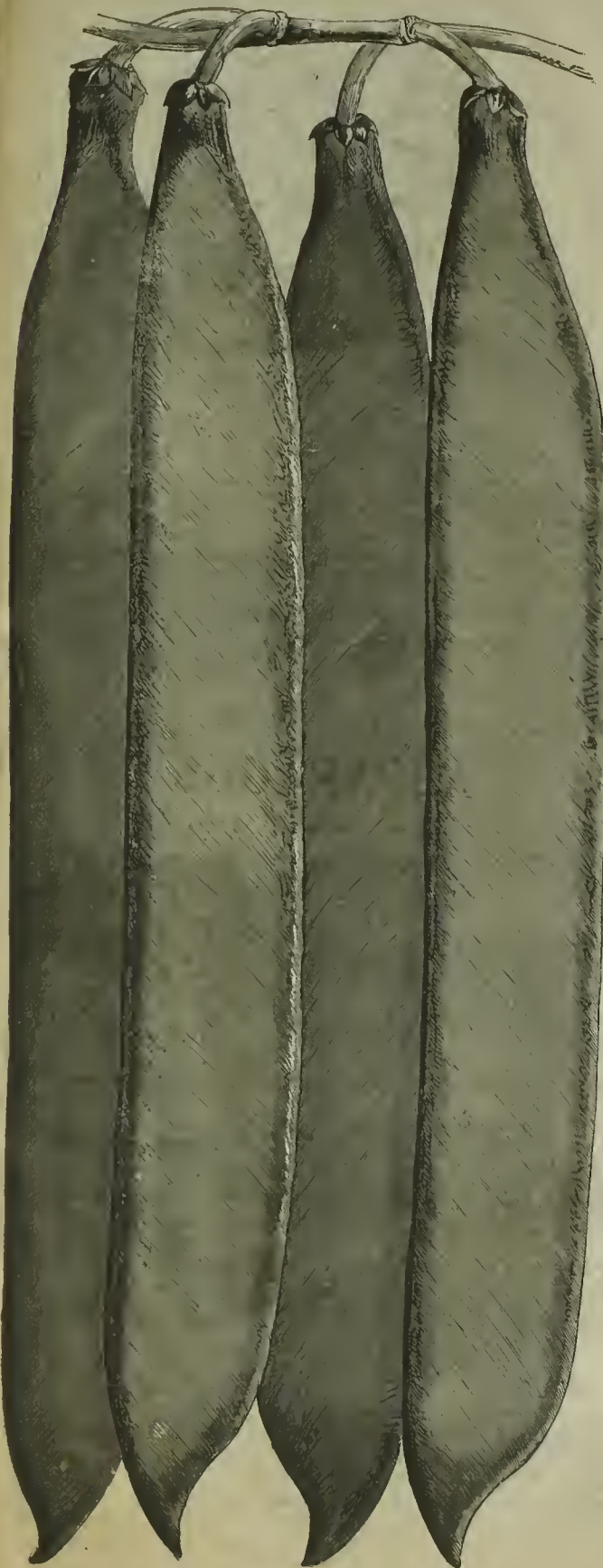
HARLINGTON WINDSOR BEAN.

G. C. ASHLIN, Esq., St. George's, Killiney.

The produce of your seeds was very successful at the flower shows, having gained three first and two second prizes.

Mr. W. LOCK, Rocklands, Ross, February 13th, 1893.

I must tell you that the cottagers for whom I got the seed were delighted with the quantity and quality for the price.



CANNELL'S SCARLET RUNNER BEAN

FRENCH, or DWARF KIDNEY BEANS.

(*Phaseolus nanus*.) LEGUMINOSÆ.

CULTURE.—These are a great acquisition where it is inconvenient to grow Runners, as they occupy little ground and bear delicious and tender pods. Sow in boxes or pots in a frame, for planting out after being carefully hardened off at the end of May, and again, in the open ground, in May and June, and for late crops up to the end of July. The same applies to these as the Runners respecting mulching and watering, especially that excellent and well-known variety, *Canadian Wonder*. It is not an exaggeration to say that by this means double the produce is obtained.

Per quart.—s. d.

Cutbush's Giant —Said to produce the largest pod and heaviest crop of all; should be grown in every garden. It requires plenty of room, being a strong grower	... .. per pint 2s.	—
Cannells' Canadian Wonder —This is without doubt the best of the Dwarf Beans, producing pods from 9 to 12 inches in length, which, when boiled, are very tender	... ..	1 6
Cannells' Ne Plus Ultra —A distinct variety, dwarf habit, early, and delicate flavour; very productive indoors and out; valuable for forcing	... ..	2 0
Chinese, or Robin's Egg —A very productive and free cropper	... ..	1 6
Fulmer's Early Forcing —Large, and a good bearer	... ..	1 9
Negro Long Pod —Very fine cropper	... ..	1 9
Osborn's Forcing —A very dwarf quick-growing variety, well adapted for early sowing	... ..	2 0
Pale Dun, or Cream Coloured —A good early variety	... ..	2 0
Sion House —Fine for forcing	... ..	1 9

WAX POD, or GOLDEN BUTTER BEANS.

Much esteemed and largely used in America and on the Continent. The pods are of a beautiful creamy colour, stringless, tender, and of a rich flavour.

RUNNER.

Per pint.—s. d.

Mont d'Or —Long golden coloured pods; very tender and delicious	2 0
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DWARF.

Mont d'Or —Beautiful golden-yellow stringless pods of excellent flavour 2 0
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Cannell & Sons' Complete Seed Guide.



CANNELLS' CANADIAN WONDER BEAN.



NEGRO LONG POD BEAN.

Mr. W. A. Cook, Compton Bassett Gardens, Calne, Wilts.

I am appointed judge at several shows, and I am so struck with the perfection of the following:—Cannells' *Best of All* Beet, *Perfection* Tomato, *Perfection* Carrot, *Giant Cos* Lettuce, and *English Wonder* Pea that I wish you would send cards to place on them. Your *English Wonder* Pea is by far the best early wrinkled pea in cultivation. My foreman of the kitchen garden says it is the finest pea for all purposes.

G. P. SHAW, Esq., 148, Beresford Street, Camberwell, S.E.

Your seeds last season were excellent.

ARTICHOKE (Globe).

(*Cynara Scolymus*.) COMPOSITÆ.



CULTURE.—Sow in March or April in drills, 18 inches apart, and transplant 3 feet apart each way. The first season they will only produce a partial crop; but as it is a perennial, after being once planted, the beds continue to bear for several years. It is the practice of some to sow annually in March so as to keep two beds in use, digging up the oldest plot at the end of the second or third year. So as to secure fine heads they require good treatment; the soil should be rich, deep, and moist, and protected in winter by placing straw, bracken, or other dry material closely round the stems. The heads of these are very delicious when boiled and served with butter and salt.

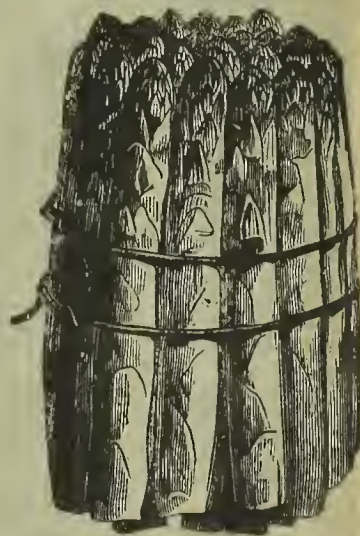
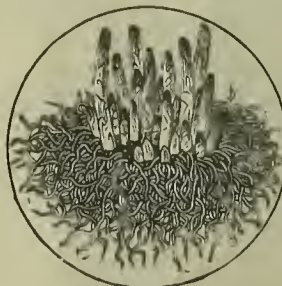
				Per oz.—s. d.
Large Green Globe.	The best	...	...	0 10
Large Purple Globe.	Very useful	...	...	1 0

Jerusalem Artichoke (*Helianthus Tuberosus*), not being produced from seed, Roots are offered on page 44.

For plants, see page 44.

ASPARAGUS.

(*Asparagus officinalis*.) LILIACEÆ.



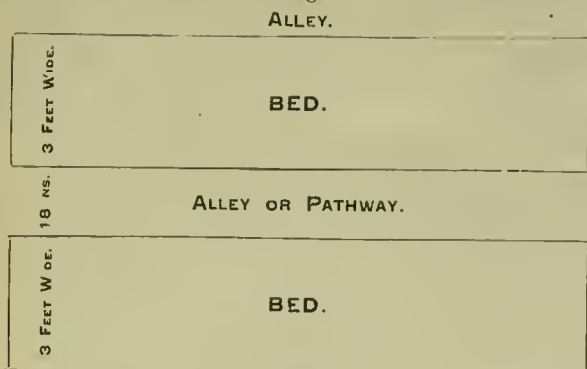
CONNOYER'S COLOSSAL ASPARAGUS.

CULTURE.—There is no vegetable more delicious, and certainly none more strengthening and renovating to the whole human system, more particularly to the kidneys, than Asparagus. Considering its easy culture, and coming in at a time between the winter greens and green peas, it is remarkable that it is not prized and valued almost equal to a well furnished drawing-room. Choose the highest and lightest ground in the kitchen garden, and stake out in September as per diagram, dig out to a foot deep, lay it on each side in the pathway, then wheel in three inches of good

Cannell & Sons' Complete Seed Guide.

strong manure, fork this in about another foot, and if dag over deeply two or three times so much the better; on the top of this place a fair coating of well-rotted manure, and over this three inches of soil from out of the alley, then place one plant to every nine inches, spreading the roots well out, covering them over with the finest soil, free from stones, for the top covering have six inches of light friable or even sandy soil. The first year make one cutting only, if the plants are three years old, the following winter add more fine soil, so that there is something like nine inches of earth above the crown of the plants. Asparagus beds made in this way with a good coating of manure every other year cannot fail to give abundance of this succulent vegetable until the peas make their appearance. A coating of our Real Manure gives increased strength, and should be applied, 2 ozs. to the yard, every season, showery weather being selected for the operation.

We have heard of beds being in good condition when fifty years old, but it stands to reason that the vigour of the plants must be impaired. New beds should be planted every year, so that sufficient strong plants can be taken up, put closely into a gentle hot-bed and forced; this method would give a fine supply for the table during February, and thus prolong the season for this welcome vegetable.



	Per oz.—s. d.
Conover's Colossal—Early, and very large	0 4
Giant—Good, for general use	0 4
Palmetto—Of very large size, even and regular in growth and appearance; very early	0 9

For plants, see page 44.

B E E T

(*Beta vulgaris*.) CHENOPODIACEÆ.



TURNIP-ROOTED BEET.



BEET, CANNELLS' BEST OF ALL

CULTURE.—Sow the middle of April on ground that has been deeply dag and well manured the previous year. At the time of sowing the ground should be again deeply dug, and the seeds sown in rows a foot apart. It may be sown in drills drawn by a hoe, or by dibbling a few seeds in holes an inch deep and a foot apart in the rows; thin out, when the plants are about 2 inches high, to a foot apart where in drills, and where dibbled in holes draw out all except one. When lifting the roots, in October or November, great care must be taken not to bruise them or cut off any small shoots or outgrowths or the colouring will be gone. About the end of October or beginning of November store them in an open shed in dry sand; they will then keep in good condition, and can be used when required.

CANNELLS' BEST OF ALL.

Medium-sized root of a beautiful rich deep blood colour, fine shape, and clean growing. Sure to please for culinary purposes, and its handsome dark metallic glossy crimson leaves render it a very effective variety for the flower garden. 6d. and 1s. per packet, 1s. 6d. per oz.

	Per oz.—s. d.
Dark Red Egyptian Turnip-rooted—Turnip shaped, flesh dark crimson colour, useful for Summer salads	0 8
Dell's Crimson—Leaves of a dark bronze colour; very ornamental for the flower garden	0 8
New Purple—Unequalled for form, smoothness, colour, and quality of the root. It was Certificated at the Vegetable Conference as the best type of dark Beet. per pkt. 6d. & 1s.	
Nutting's Select Dark Red—A splendid variety for general purposes	0 8
Ornamental Chilian—This is a non-edible variety, but is much used for decorating shrubberies, banks, and the flower garden; its brilliant colours make it very attractive... .. per pkt. 3d. & 6d.	
Swiss Chard, Silver, or Sea-kale—The mid rib of the leaf of this variety is used in the same way as Sea-kale	0 6
Spinach, or Perpetual Beet—Both stalks and leaves of this variety are used; the former should be served up as Asparagus, and the latter makes an excellent substitute for Spinach	0 6

Cannell & Sons' Complete Seed Guide.

BORECOLE, or KALE

CURLY GREENS OR SCOTCH KALE.

(*Brassica oleracea acephala fimbriata.*) CRUCIFERÆ.

CULTURE.—For Spring use sow about the middle of March or early in April, and in August for autumn and winter use, broadcast over a well-prepared bed, and cover lightly with fine soil. When the plants are large enough to be handled, prick out on another prepared bed, about six inches apart, and well water them. When strong enough, to be planted out in their permanent quarters about two feet six inches apart each way.

	Per oz.—s. d.
Asparagus—A useful kind; very delicious and bardy ...	0 6
Buckman's Hardy Winter—This is a valuable and distinct variety, very hardy and productive, and will produce a succession of beautiful Greens during the severest winter ...	0 8
Chou de Milan—The ribs of this are like Asparagins in flavour when cooked ...	0 6
Cottager's—Much in request, very hardy, and produces a large crop	0 6
Dwarf Green Curled—For early and general cultivation...	0 8
Ragged Jack—Yields a large quantity of delicate sprouts in spring	0 8
Tall Green Curled—A useful variety ...	0 6
Variegated—Very useful for garnishing ..	3d. & 6d. per pkt.

PHŒNIX KALE.

A WINTER NECESSITY FOR COLD DISTRICTS.

To have a Kale of superior quality, fit to be served upon a first-class table for a certainty, no matter what wintry weather we experience, demonstrates its great value to the private gardener, and more especially to the market gardener, who is doubly interested in a secure winter crop.

CULTURE.—Sow in beds in April, and when strong enough, plant out in square similar to the Savoy crop.

TIME OF USE.—In spring, as soon as the young sprouts shoot up in bunches from the crown, send in to table.

Per packet, 6d. and 1s.



DWARF GREEN CURLED KALE.

BROCCOLI.

(*Brassica oleracea botrytis Asparagoides.*) CRUCIFERÆ.

CULTURE.—Early sowings may be made in February, under glass, followed by sowings in the open ground, middle of April and second week in May, for successional crops. When the plants are large enough, prick out into a bed 6 inches apart, and after they have acquired strength, transplant to a piece of ground that has been previously well dug and manured, in rows 2½ ft. apart and 2 ft. distant from each other. As the plants advance in growth draw the soil around the stems, and give liquid manure occasionally. It is advisable to cut the heads as soon as they attain medium size.

SECTION I.—For Cutting from September to November.



WALCHEREN BROCCOLI.

	Per pkt. s. d.	Per oz. s. d.
Grange Early White Cape—A fine variety for autumn use, 6d. and	1 0	1 6
Purple Cape—If sown the end of February large close heads may be obtained in August and September; excellent flavour 6d. and	1 0	1 6
Veitch's Self-Protecting—Beautiful white and firm heads, thoroughly protected by the leaves; remain a long time fit for use ...	6d. and 1 0	1 6
Walcheren—One of the best for successive sowings, 6d. and	1 0	1 6

SECTION II.—For Cutting from December to February.

Cannells' Early White.—Very fine and early	3d. and 0 6	1 0
Cooling's Matchless—Comes into use soon after Snow's Winter White; very bardy ...	3d. and 0 6	1 0
Early Penzance White—One of the best early varieties; fine white beads ...	3d. and 0 6	1 0
Early Purple Sprouting—A useful variety for small gardens ...	3d. and 0 6	1 0
Snow's Winter White—A valuable winter variety 6d. and	1 0	2 0
White Sprouting—Very productive, quick in growth, fine flavour ...	3d. and 0 6	1 0

SECTION III.—For Cutting in March and April.

Brimstone, or Portsmouth—Too well known to need any description...	3d. and 0 6	1 0
Chappell's Cream—A good old sort ...	3d. and 0 6	1 0
Dilcock's Bride—Fine pure white ...	3d. and 0 6	1 0
Elletson's Mammoth—A very large and compact variety	3d. and 0 6	1 0
Knight's Protecting—A favorite sort ...	3d. and 0 6	1 0
Leamington—Good size beads, close and well protected	3d. and 0 6	1 6
Miller's Dwarf White—A most useful kind	3d. and 0 6	1 0

SECTION IV.—For Cutting from April to June.

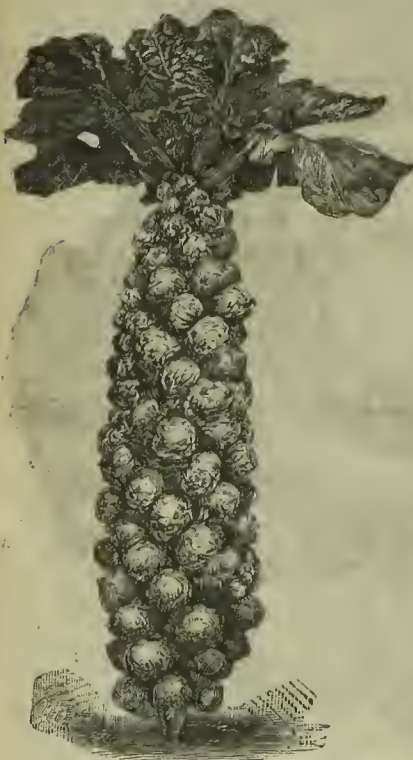
April Queen—One of the finest sorts yet introduced; ready for use in April and May. The heads are very large, are beautifully white and delicately flavoured; the leaves are large and abundant, folding closely over and perfectly protecting the flower ... in sealed pkts.	1 0	—
Cattell's Eclipse—Very hardy; a most excellent late sort	3d. and 0 6	1 0
Cannells' Latest of All—Heads well protected...3d. and	0 6	1 0
Champion—Very late; strongly recommended	3d. and 0 6	1 0
Hill's June—Fine late white ...	3d. and 0 6	1 0
Methven's June—This is the latest Broccoli in cultivation, producing fine pure white heads till nearly the end of June. It is very hardy, standing the winter better than any other sort. Sow in April, and plant out as soon as ready ... in sealed pkts.	1 6	—
Model—Late and good; one of the hardiest and best in colour and flower, almost equal to a cauliflower, 6d. and	1 0	1 6
Wilcove's Late White—One of the latest ...	3d. and 0 6	1 0
Williams's Alexandra—Very fine; white, late, and large	6d. and 1 0	1 6

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BRUSSELS SPROUTS

(*Brassica oleracea Bullata gemmifera.*) CRUCIFERÆ.

No part is perhaps so noted for good Brussels Sprouts as Swanley. Seed is sown directly after the first rain in August. These are planted out in well-manured ground, just at the exact time when seed is generally sown in March. From these early sprouts high prices are realised, and after these come the spring sown, thus the season is prolonged from September up to March.



CANNELLS' MATCHLESS BRUSSELS SPROUTS.

CULTURE.—Sow the seed between the beginning of March and end of April—the earlier the better—in drills, on a well prepared bed, and cover thinly with fine soil. When the plants are 2 or 3 inches high, draw out the strongest and transplant into another bed, 6 inches apart. In May or June they are to remain 2 feet apart in the rows and 1½ feet between the plants in the rows. Ground should be prepared early, so as to allow the soil to become firm.

Per pkt. Per oz.
s. d. s. d.

Aigburth—One of the hardiest and most productive varieties in cultivation ... 3d. and 0 6 1 0

Cannells' Matchless—This variety is marked improvement on the ordinary kinds. The stems are covered with fine large delicious buttons, and needs only one trial to ensure approbation ... 3d. and 0 6 1 0

Scrymger's Giant—A superior and useful variety, producing an abundance of compact sprouts of delicate flavour ... 0 4 0 8

Dalkeith—Robust habit, medium height, richly flavoured sprouts ... — 0 10

President Carnot—A new and select stock ... — 0 10

CABBAGE.

(*Brassica oleracea capitata.*) CRUCIFERÆ.

CULTURE.—Little need be said respecting the cultivation of this popular vegetable. A good supply of young and tender cabbages through the winter is certainly worth some little labour to obtain. There is nothing in the way of winter greens that can approach good cabbages in delicacy of flavour, and those who have never made a practice of growing them ought to do so. No better preparation of ground with a coat of manure can be made than in the lifting of early potatoes, when such a piece of ground may be profitably utilised by them. Sow in March and April for Autumn and Winter use, and early in August for Spring and Summer cutting.



CANNELLS' DEFIANCE CABBAGE.

The small early kinds do well planted in rows 18 inches apart and 15 inches between the rows, the larger growing kinds require to be put 2 feet apart each way.

Per pkt. Per oz.
s. d. s. d.

Cannells' Defiance—Unequalled for earliness and quality. Medium-sized hearts, wonderfully solid and compact: fine, tender, and delicate flavour. It is suitable for either spring or autumn sowing ... 3d. and 0 6 1 0

Cannells' Improved Nonpareil—A fine dwarf variety, of excellent flavour. Comes in very early ... — 0

Cannells' Early York—Small, but very early ... — 0 6

Chou de Burghley—A cross between the Broccoli and Cabbage. Its outward appearance is like that of a Cabbage, from which it differs, on being cut through, in having a miniature Broccoli enveloped between the leaves. It is perfectly hardy, and delicate in flavour when cooked ... 6d. and 1 0 —

Cocoa Nut—A very early variety, small and compact ... — 0 8

Couve Tronchuda, or Portugal Cabbage—Should be grown in every garden, the mid-ribs are delicious ... — 0 8



EARLY ETAMPES CABBAGE.

Per pkt. Per oz.
s. d. s. d.

Early Etampes—A valuable new French variety now coming into favour; one of the earliest of spring Cabbages. Awarded a Certificate of Merit at the Vegetable Conference held at Chiswick ... 0 6 1 0

Early Rainham—A most useful and early variety ... — 0 8

Enfield Market—Very early and large; extensively used by market gardeners ... — 0 8

Hardy Green Colewort—For late autumn and winter use ... — 0 8

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	Per pkt.	Per oz.
	s. d.	s. d.
Kohl Rabi, or Turnip-Rooted—If the roots are boiled when young they are excellent	—	0 6
Melns, No. 1—A valuable variety, either for spring or autumn sowing	—	1 0
Red Dutch—The best for pickling	—	0 8

	Per pkt.	Per oz.
	s. d.	s. d.
Rosette Colewort—Exceedingly delicious und hardy	—	0 8
Sugar Loaf—Conical shaped, of excellent flavour when cooked; very distinct	—	0 10
Tom Thumb, or Little Pixie—Suitable for Summer use	—	0 8
Wheeler's Imperial—Dwarf and very early..	—	0 8

CABBAGE, SAVOY

(*Brassica oleracea*
botitata major).
CRUCIFERÆ.



CULTURE.

Treat the same as
for Cabbage.

CANNELLS' GREEN CURLED SAVOY.

Per oz.—s. d.

Cannells' Drumhead—Grows to a large size, very sweet and tender after frost	0 4
Early Dwarf Ulm—Very early and compact; may be planted closer than some sorts	0 6
Green Curled—Suitable for the main crop	0 6
Marcelin—Strongly recommended	0 6
Tom Thumb—A very small kind, does not grow much larger than the Drumhead Lettuce	0 8

CAPSICUM

(*Capsicum annum*).

USE.—The pods are used for pickling, and when ripe ground to make Cayenne pepper.

CULTURE.—Sow in the end of March or the beginning of April in pans, and place in a hot-bed. When the plants are in seed leaf, thin to 4 inches apart; those drawn out may again be transplanted into pots or pans. Continue them in the hot-bed, and give air freely. In May harden them off by gradually exposing to the open air. Early in June transplant, where they are to remain, in a sheltered position, under a south wall.

Child's Celestial Pepper—The plant begins to set its peppers early in the season, branching freely, and bearing profusely. The fruit, up to the time they are fully grown, are of a delicate creamy-yellow colour, and when fully grown change to an intense vivid scarlet, making a plant when loaded with fruit, part of one colour and part of the other, an object of the most striking beauty and oddity. The peppers are from two to three inches long, of clear, sharp flavour, and superior for any of the uses to which a pepper can be put per packet, 6d. & 1 0

Chill ... ..	...
Golden Queen—A very ornamental variety ... ..	...
Large Bell, or Bull's Nose—Large, early; mild flavour; colour glossy red ... ..	...
Long Red ... ..	...
Long Yellow ... ..	...
Mixed Varieties ... ..	...
Prince of Wales .. ..	...

All at
6d.
per packet.

Pepper, Elephant's Trunk (*Capsicum annum proboscideum*)—New variety, distinguishing itself by its unusually long, glossy scarlet fruits of 8 to 11 inches in length by 2 to 2½ inches in breadth, resembling in shape the trunk of an elephant. Flavour mild, and valuable for use in the green state per packet 1 0

Ruby King—Plants are very sturdy in habit, and each produces from 6 to 12 large handsome fruits, which, when ripe, are of a beautiful bright ruby-red colour; remarkably mild and pleasant to the taste per packet 1 0



SAVOY, CANNELLS' DRUMHEAD.



CAPSICUM, BELL, OR BULL'S NOSE

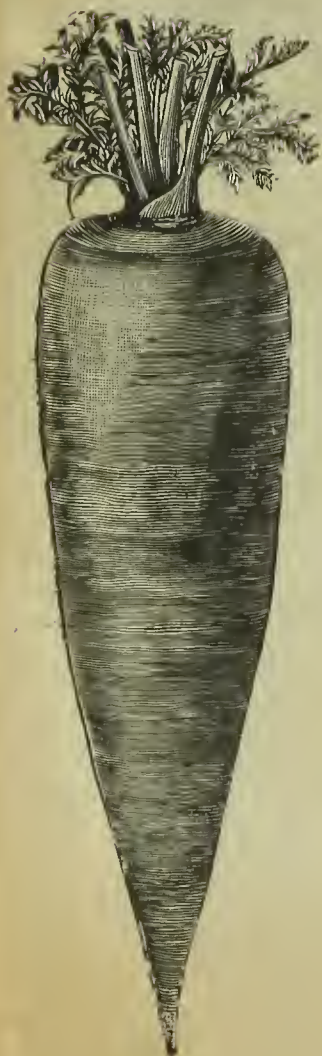
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PEPPER, ELEPHANT'S TRUNK.



CAPSICUM, GOLDEN QUEEN.



JAMES' INTERMEDIATE CARROT.



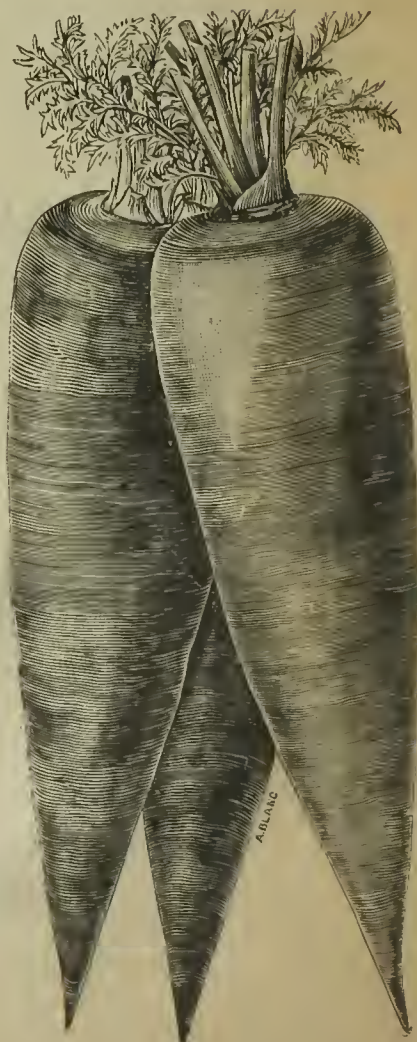
CANNELLS' LONG RED SURREY CARROT.



CANNELLS' IMPROVED
EARLY SCARLET
HORN CARROT.



CANNELLS' ALTRINCHAM
CARROT.



CANNELLS' PERFECTION INTERMEDIATE.

Cannell & Sons' Complete Seed Guide.

CARROT.

(*Daucus carota*.) UMBELLIFERÆ.

CULTURE.—The French Scarlet may be sown in frames in December and January; in February, succession sowings may be made on warm borders; in March, a large sowing may be made; and for general crop sow about the middle of April, either broadcast on beds or in drills. Preference should be given to the drills, as the crop can then more easily be kept clean. As soon as the plants are 2 or 3 inches high, thin out to 2 or 3 inches apart at the first thinning; after a few weeks give a final thinning to 6 or 8 inches distance, and the crop allowed to remain till it has perfected its growth in Autumn. It will be found an advantage to mix the seed with a certain amount of soil so that it can be more evenly distributed.

CANNELLS' PERFECTION INTERMEDIATE.

An entirely new and careful selection of Intermediate Carrot. Roots much longer than the old kind; fine shape; colour, a beautiful bright red, of excellent quality, and the best for exhibition purposes ... 0 6 1 0

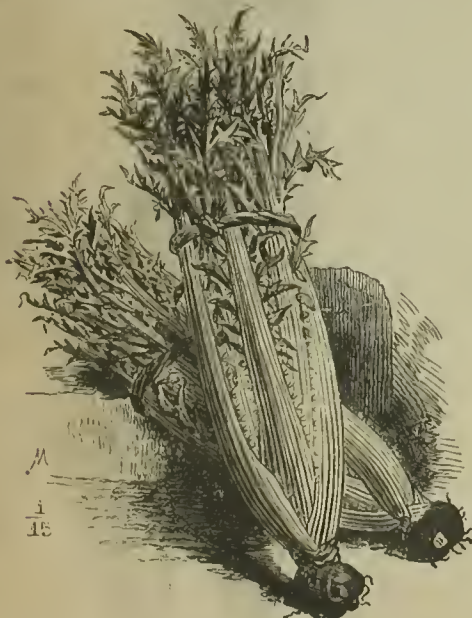
	Per oz.—s. d.
Cannells' Early Scarlet Nantes—A medium-sized variety	0 8
Cannells' French Scarlet Horn—Very sweet, and fine for forcing	0 8
Cannells' Guerande—A French variety of great merit, stump rooted, very broad, flesh tender, and with very little core	0 6
Cannells' Improved Early Scarlet Short Horn—Very fine for Summer use	0 8
Cannells' Long Red Surrey—A valuable variety for deep soils	0 6
Cannells' Scarlet Altrincham—A very long variety, mild flavour, good keeper	0 6
James' Improved Scarlet Intermediate—Good for shallow soils, large size, excellent quality	0 8



CANNELLS' SELECTED GUERANDE CARROT.

CARDOON.

(*Cynara Cardunculus*.) COMPOSITÆ.



CARDOON.

CULTURE.—Sow in April, and grow in trenches in the same way as Celery.

Large Spanish, cultivated for the mid rib of the leaves, blanched like Celery; used for soups, stewing, and salads ... 1 0

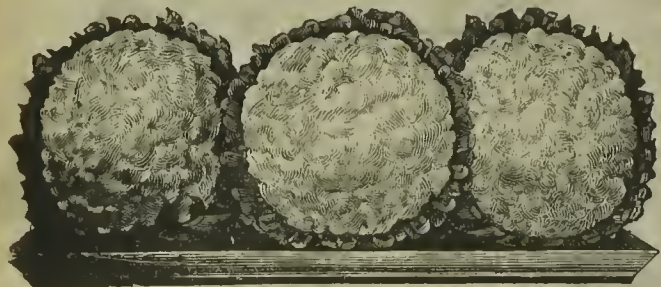
CAULIFLOWER.

(*Brassica oleracea botrytis Cauliflora*.) CRUCIFERÆ.

CULTURE.—Sow end of January or early in February in a frame on a slight beat, or in a house, so that the plants may be forwarded and hardened off by April, when a sowing may be made outdoors. From this sowing heads will be produced in July and August. To stand the winter, seeds should be sown about the third week in August. The Early London and Early Dwarf Erfurt are both reliable sorts. Select a sunny, well-drained spot for the seed bed, well work, and if at all heavy add a good dressing of fine sandy soil or old potting compost, after which the seed may be sown thinly and broadcast, and covered with fine soil. When the seedlings appear, apply an occasional dusting of soot and lime as a preventive against slugs. The strongest plants, when ready, should be dibbled out rather thickly in hand-lights and cold frames, and the remainder left in the seed bed, where they will frequently survive an ordinary winter. Finally, plant out in spring.

	Per pkt.	Per oz.
Early Dwarf Mammoth—Fine as a forcing variety, or for the early crop outdoor; close, solid, and pure white heads	s. d. 1 6	s. d. 2 6
Early London—Compact; very early	6d. & 1 0	1 6
Early Snowball—Dwarf habit, with heads of medium size, very compact, and of good flavour	1 6	—
Large Asiatic—Very large, white, and compact	6d. & 1 0	1 6
Stadtholder—A fine late variety	6d. & 1 0	1 6

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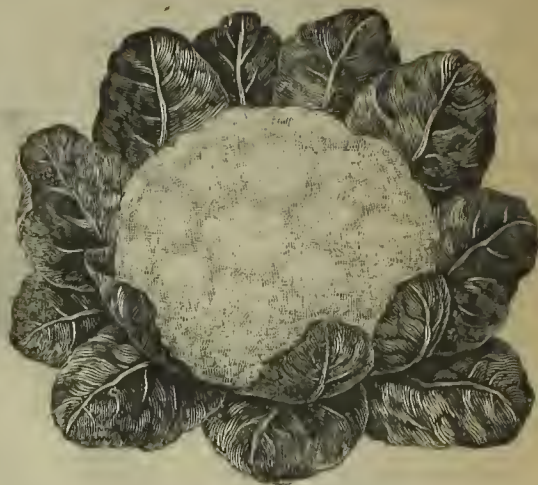
EARLY DWARF ERFURT CAULIFLOWER.

Per pkt. Peroz.
s. d. s. d.

Early Dwarf Erfurt—The best of the earliest sorts. By
occasional sowing a supply can be kept up until Christmas

6d., 1s., & 2s. — —

Walcheren—Good for general crop 6d. & 1 0 1 6



WALCHEREN CAULIFLOWER.



ECLIPSE.

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Eclipse—Is a favourite in every garden where it has been cultivated. The numerous testimonials received are proof that it has taken a place second to none, either for private gardens or market purposes, the quality, flavour, and size being unequalled. By successive sowings it can be had from August to Christmas. Per packet, 1s.

Autumn Giant—Perfectly distinct from any other sort. The heads are beautifully white, firm, and compact, and being thoroughly protected by the leaves, remain longer fit for use than any other kind. Per pkt. 6d. and 1s. 0d.; per oz., 2s. 0d.



AUTUMN GIANT CAULIFLOWER

CELERY.

(*Apium graveolens*.) UMBELLIFERÆ.

CULTURE.—In February sow in heat; March and April in open border. Plant in April, May, and July, from 2 feet 9 inches to 3 feet between the trenches. Well manure the bottom of the trenches with rotten dung from an old hot-bed, and well water in dry weather. However large Celery may be, it is of little value if disfigured by the ravages of garden pests. It is of the utmost importance that soot, burnt ashes or even fine soil is banked closely round the stems, too much soot cannot hardly be used, both to keep away the celery-fly that works its way in and deposits its eggs between the two skins of the leaves, and also to keep slugs from injuring it.



CANNELLS' HEARTWELL WHITE CELERY.



CANNELLS' LEICESTER
RED CELERY.



CELERIAC.

	Per pkt.—s. d.
Celeriac, or Turnip-rooted Celery—Chiefly used in soups	3d. & 0 6
Cole's Crystal White—Dwarf, crisp, and solid	3d. & 0 6
Cole's Defiance Red—Very hardy and dwarf	3d. & 0 6
Invincible White.—A vigorous growing sort, very crisp, solid, and well-flavoured. It can be grown for exhibition to an enormous size without running to seed. Certified at the Vegetable Conference of the Royal Horticultural Society	6d. & 1 0
Ivery's Nonsuch Pink—Solid pink	3d. & 0 6
Major Clarke's Red—Very solid, crisp, compact, and of a delicate flavour	6d. & 1 0
Standard Bearer—A splendid red variety, awarded two Certificates of Merit. The plant is of sturdy compact habit, robust growth, and medium height. It grows to a heavy weight, and remains a long time in perfection; is of superior quality, perfectly solid, crisp, juicy, and of a fine nutty flavour	— 1 0
Sulham Prize Pink—One of the best pink varieties, close habit, large heart, remarkably solid, crisp, and of a fine walnut flavour	3d. & 0 6

	Per pkt.—s. d.
Cannells' Heartwell White—A fine variety, unequalled for crispness and sweet nutty flavour; dwarf habit of growth, and very solid heads	— 1 0
Cannells' Leicester Red—The finest red Celery in cultivation, exceedingly crisp	6d. & 1 0
Cannells' Sandringham White—The best white Celery grown, large but not coarse, solid, crisp, and juicy	6d. & 1 0
Celery Seed—For flavouring soups	per oz. 0 3

Cannell & Sons' Complete Seed Guide.



OUR CUCUMBER HOUSES DURING AUGUST AND SEPTEMBER.

GROWN SPECIALLY FOR SEED.

CUCUMBER (Frame)

(*Cucumis sativus*.) CUCURBITACEÆ.

CULTURE.—Nothing is so desirable as good Cucumbers, but attention is required if good fruit is to be obtained. The seeds may be sown in January or February in pots or pans. The temperature of the seed-bed should range from 70 to 80 degrees, never sinking below 60 degrees. Outdoor or Ridge Cucumber should be sown in pots during April, and transplanted in May to a spot previously prepared with well-rotten manure.

Lockie's Perfection.—A splendid variety, its chief features being the finest in the *Telegraph* family, with black spines; the very thing wanted for years, as it gives this prolific class the high and delicious flavour of the old *Black Spine*, which the *Telegraph* was so deficient in. Further, it is the darkest green of any, very free, and taking all points into consideration, it is decidedly a grand addition ... 1 0

Cannells' Selected Improved Telegraph—After several years' careful selection and re-selection and seeding, only from the most prolific and handsome shaped fruit, our stock is now as near perfection as it is possible to be. Our two greenhouses, 100 ft. each, have been a grand sight, many joints producing four and five cucumbers, and carried them all through to maturity; flavour excellent, deep green skin, and the fruit of good length. We have saved a splendid sample of seed this season, and can confidently recommend it to our customers as a grand re-selection from the old far-famed variety, and will give undoubted satisfaction ½ packet, 6d.; 1s. and 2 0

Tender and True—Fine variety for exhibition, handsome fruit of a dark green colour, first-class quality ... 1 0

Cuthill's Black Spine—A very prolific kind and much approved ... 0 6

Blue Gown—Splendid shape and superior quality ... 1 0

Duke of Edinburgh (Monro's)—A fine variety ... 0 6

Sion House—A well-known variety; very prolific ... 0 6

Marquis of Lorne—White spine and handsome fruit ... 0 6

Hamilton's Market Favourite—A splendid market variety; very prolific, producing an abundance of well-shaped fruit ... 1 0

Paragon—Strongly recommended ... 1 0

Kirklees Hall Defiance ... 0 6

Cardiff Castle—For shape, size, and flavour it is all that can be desired; a continuous bearer ... 1 0

Once Grown ever Grown ... 6d. and 1 0

Cannells' Favourite—A first-class variety, attains a good length ... 1 0

Masterpiece ... 1 0

Duke of Norfolk ... 1 0

Duke of Albany ... 1 0



LOCKIE'S PERFECTION.

Other varieties can be supplied.

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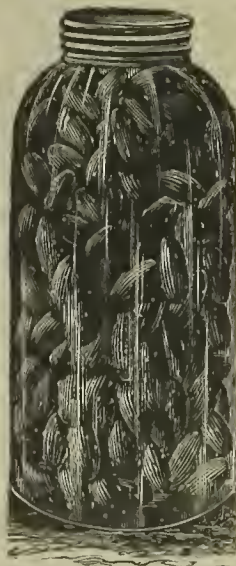
KOPPIZ.

CUCUMBER (Ridge or Outdoor).

- Bedfordshire Prize—This is a superior variety of outdoor Cucumber, fine flavour and appearance; a prolific bearer s. d. per pkt. 0 6
- Stockwood Ridge—Fine, and a free grower
- Short Green Gherkin—The one most used for pickling, fruit being only from 3 to 4 inches long All at 3d. per packet.
- Long Prickly
- Short Prickly
- The Amateur's Out-door Cucumber (*Koppitz*)—We grew several plants of this last season, and we are sure it is by far the best cold-frame Cucumber in cultivation. Per pkt., 1s. 6d.



CUCUMBER, BEDFORDSHIRE PRIZE.



PICKLING CUCUMBER.

CHICORY OR SUCCORY.

(*Cichorium intybus*.)

CULTURE.—Sow in April in rows a foot apart, thin out to 6 inches in the row. In autumn store the roots in dry sand, and when required at intervals should be placed in soil in a dark place and kept moist. It will give leaves in a few days equal to Endive, and cook the same as Sea-kale.

- Common (*Barbe de Capucin*) Per pkt.—s. d. 0 6
- Witloof (*Brussels Chicory*)—One of the best winter salads grown ... 0 6

CRESS.

PEPPER GRASS.

(*Lepidium sativum*.) CRUCIFERÆ.

CULTURE.—Plain and Curled Cress should be sown weekly during the whole year, if a regular supply is required, the state of the weather regulating the method of sowing. As a rule, from November to March, a gentle hot-bed is the best. Australian Cress sown in the open border during March and April, and in a cool and shady place in May, will produce crops in succession; and if sown under a north wall in September and October, with a little protection, will afford a supply during Winter and Spring. Water Cress may be easily grown in a damp and shady place, and on no account must suffer from drought. Sow in March and April.

	Per qt.	Per pt.	Per oz.
	s. d.	s. d.	s. d.
American, or Land—Perennial variety, similar in flavour to Water Cress	—	—	0 4
Australian—Very tender; mild flavour	—	—	0 3
Fine Curled—Useful for garnishing and Salads	2 0	1 3	0 3
Plain—The best for general use and Salads	2 0	1 0	0 2
Water Cress... ..	per pkt., 6d.		

DANDELION.

(*Taraxacum officinale*.) COMPOSITÆ.

CULTURE.—Useful as a salad when blanched. Seed to be sown in Spring; the roots to be lifted and stored in November, and force as required, somewhat in the same manner as Sea Kale.

Improved large thick-leaved, 6d. and 1s. per packet.

EGG PLANT.

(*Aubergine*.)

Solanum melongena var. *ovigerum*.

Handsome fruit-bearing annual, fine for table decoration. Sow in heat in March, pot off in rich soil; the chief thing is to keep them thoroughly free from insects. Grow on in same way as Capsicums. 2 to 3 ft. Mixed, 3d. per pkt.

Cannell & Sons' Complete Seed Guide.



AUBERGINE (EGG PLANT).

ENDIVE

(*Cichorium endivia*).



GREEN CURLED ENDIVE.

CULTURE.—For Autumn use sow end of April or during May, on prepared soil, in drills a foot apart, and thin out to 6 inches from plant to plant; water in dry weather. If a Winter and early Spring supply is needed, sow in July and August, and transplant to frames, or a sheltered position, secure from frost. Per oz.—s. d.

Digswell Prize—A superb large green curled variety	...	...	0	10
Green Batavian—Large and fine	...	...	0	8
Green Curled—The one mostly cultivated for general crop; very crisp and hardy	...	...	0	8
Improved Round-leaved Batavian—Very compact: forms a nice heart, blanches easily	...	...	0	8
Moss Curled—Beautifully curled, like Moss	...	...	0	9
White Curled—Very tender when young	...	...	0	9

GOURD, or PUMPKIN

(*Cucurbita*).

CULTURE.—Same as Vegetable Marrow.

Hundredweight, or Mammoth—The largest in cultivation, often attaining an incredible weight	...	...	0	6
Ornamental Varities—Mixed. Many curious and pretty kinds	...	...	all at	0 3
Pear Shaped—Very ornamental fruits	...	...
Small Orange	...	...

A collection of 12 varieties, 2s. 6d.

ORNAMENTAL GOURDS.



ORNAMENTAL GOURDS.



HERBS, GARNISHING PLANTS, &c.

3d. and 6d. per packet, except where priced by the ounce.

CULTURE.—Sow in pans in a cold frame about first or second week in March, afterwards transplant into prepared beds, or the seeds can be sown the first week in April on warm border or out-doors.

- b* Angellea—For flavouring. Leaf stalks can be blanched and eaten as Celery.
- a* Anise—For seasoning and garnishing.
- p* Balm—Aromatic plant. May be used in salads or making Balm Tea or Wine.
- a* Basil, Sweet } Excellent for flavouring soups and salads.
- a* „ Bush }
- b* Borage—Used for Summer drinks; excellent for bees.
- b* Caraway—Seeds used in confectionery, lower leaves can be put in soups.
- b* Chervil, Curled—For salads.
- a* Coriander—Young leaves used in soups and salads.
- b* Corn Salad or Lamb's Lettuce—A hardy, useful salad. Per oz., 6d
- b* Dill—Leaves used in pickles and sauces.
- p* Fennel—For garnishing and fish sauce.
- p* Horehound—For the cure of asthma.
- p* Hyssop—Leaves and shoots used for pot-herbs, also medicinally.
- a* Ice Plant—Fine for garnishing.
- p* Lavender—Grown for its sweet-scented flowers. Occasionally used in sauces.
- a* Marigold, Pot—Flowers used in soups.
- p* Marjoram, Sweet or Knotted } Used in soups and stuffings, also
- p* „ Pot or Perennial } when dry for Winter use.
- a* Purslane, Green } Shoots used in salads and pickles.
- a* „ Golden }
- p* Rosemary—Sprigs for garnishing; leaves for making a drink to relieve headache.
- Rampion—See page 39.
- p* Rue—For garnishing, also useful for poultry.
- p* Sage—For stuffing and sauce.
- a* Savory, Summer } For seasoning; also useful in a dry state for Winter.
- p* „ Winter }
- p* Skirret—Grown for its roots, can be either boiled or stewed.
- p* Sorrel—Used like Spinach, also in sauces and salads.
- p* Thyme—For soups and seasoning, also stuffing.
- p* Wormwood—Used as a tonic when taken in tea.

a—Annual. *b*—Biennial. *p*—Perennial.

Cannell & Sons' Complete Seed Guide.

LEEK

(*Allium porrum*).



CULTURE.—For an early crop sow in a pot, pan, or box early in February, and place in a frame or a slightly-heated place, and when the

plants are 3 or 4 inches high, prick out in a sheltered position or frame in rich soil. Here they are to remain until good-sized plants are formed, and then transplanted to their permanent quarters. Leeks of very fine quality, and good enough for ordinary use, may be obtained from seed sown the first week in March, broadcast, on a warm border, and covered lightly with mellow soil. Transplant, when large enough, in rows a foot apart, and about 8 inches in the row, in the same way as Celery. Well manure.

CANNELLS' MAMMOTH—A superior kind, very hardy, blanches well, and grows to a large size ... 6d. & 1s. per pkt., 1s. 6d. per oz.

Champion.—This Leek has gained many honours, including s. d. Per pkt. Per oz. all the First Prizes at the recent International Horticultural Exhibitions. It was Certificated by the Royal Horticultural Society at the Vegetable Conference, 1889, 6d. & 1 0 —

Henry's Prize ... 1 4

London Flag ... 0 6

Musselburgh—Large Scotch ... 1 0

The Lyon—A thoroughly distinct variety, matures early, grows to a great size and weight without coarseness. The white part, when blanched, often exceeds 16 inches in length and 9 inches in circumference ... 1 0 —

LETTUCE.

(*Lactuca sativa*.) COMPOSITÆ.

CULTURE.—Sow from the first week in March till September for succession. When 3 inches high, remove the strongest plants to prepared ground, and plant them in rows from 1 to 2 feet apart, according to size. For Spring use sow in Autumn, prick out in frames, and transplant early. After being planted they should never be allowed to suffer for the want of water.

COS VARIETIES.

Bath Cos, Black Seeded—The best Cos variety for Autumn sowing to stand the Winter ... 3d. and 0 6 1 0

Cannells' Giant Cos—Larger and finer in every way than the best types of Cos Lettuce. Leaves very broad, and rounded in a perfect manner; very regular in character—in fact, every plant may be relied upon to form an enormous heart, perfect in form, as shown in the accompanying engraving ... 6d. and 1 0 1 6



CANNELLS' GIANT COS LETTUCE.

Cannell & Sons' Complete Seed Guide.



PARIS WHITE COS LETTUCE.



BATH OOS LETTUCE.

Per pkt. Per oz.
s. d. s. d.

Hicks' Hardy White—A large sort, suitable for sowing in Autumn...	...6d. and	1 0	1 6
Ivery's Nonsuch—Blanches well, and not likely to run to seed; sweet and crisp ...	... 0 6	1 0	
London White ...	...3d. and	0 6	1 0
Nuneham Park ...	...3d. „	0 6	1 0
Paris Green—A fine variety, needs no tying...	...6d. „	—	1 3
Paris White—A superb variety, of immense size and superior quality ...	...3d. and	0 6	1 0

CABBAGE VARIETIES.



DRUMHEAD LETTUCE.

Per pkt. Per oz.
s. d. s. d.

All the Year Round—Fine white, does not run to seed; a good Winter variety ...	...3d. and	0 6	1 0
Commodore Nutt—Small, compact habit, splendid flavour; good for early use ...	...6d. and	1 0	1 6
Drumhead, or Malta—A large variety for Summer use		0 4	0 8
Early Paris Market—The best forcing Lettuce, turns in very quickly, and forms close, firm hearts ...	...3d. and	0 6	1 0
Hardy Hammersmith—Excellent variety for Winter	3d. and	0 6	0 9
Lees' Immense Hardy Green ...	...3d. „	0 6	1 0
Neapolitan—A capital summer Lettuce, habit dwarf, leaves much curled on the edges, head firm, white, large, crisp, and sweet; quite distinct..	3d. and	0 6	1 0
New York.—This variety will be a great favourite when better known. It grows to a large size, some specimens having been grown 18 inches in diameter, and weighing nearly four pounds. It is compact, folds in very nicely, and blanches well, very crisp and sweet, excellent flavour, free from bitterness, it will stand for a long time on the ground without running to seed. It is not a forcing variety, but is certainly one of the best varieties for summer use ever introduced. We strongly recommend a trial ...		0 6	—

	Per pkt. s. d.	Per oz. s. d.
Stanstead Park—The largest, hardiest, and best flavoured Cabbage Lettuce, to stand the Winter	3d. and	0 6 1 0

The Favourite—An excellent variety for autumn use. Leaves light green with a brown blotch, very crisp and sweet, and has been known to stand the driest summer without running to seed when all other varieties were useless ... 3d. and 0 6 1 0



Tom Thumb, or Tennis Ball—Small and very early, forming close and compact heads, stands the winter well, also dry weather ... 3d. and 0 6 1 0

Victoria, Red Edged 3d. „ 0 6 0 10

TOM THUMB LETTUCE.

MELON.

(*Cucumis melo*.) CUCURBITACEÆ.

CULTURE.—Similar to that of the Cucumber, but requiring several degrees more of heat, which must be maintained with regularity. A quick growth should be encouraged during the earlier stages, and when about one foot or so high the tips should be pinched out, causing them to come stronger, and the fruit sets more freely. As a rule they are in perfection just before the stems come away easily from the fruit. The soil should be kept firm and solid throughout the growth.

Per pkt.—s. d.

A. F. Barron—Large, and not coarse; delicious flavour, green flesh	1 0
Beechwood Green Flesh—An excellent variety ...	1 0
Bienheim Orange—A first-class scarlet-fleshed Melon of delicious flavour ...	1 0
Dell's Hybrid—Green flesh, exquisite flavour ...	1 0
Duke of Edinburgh. scarlet flesh, superior flavour ...	1 0
Eastnor Castle—Flesh deep green colour, very prolific, rich flavour ...	1 0
Gilbert's Improved Victory of Bath—A splendid green-fleshed variety, free setter ...	1 0
Golden Perfection—The best and earliest Melon for frame or pit culture; good flavour ...	1 0



MELON OF LOCKINGE.

Cannell & Sons' Complete Seed Guide.

	Per pkt.—s. d.
Golden Conqueror —Splendid variety; rich flavour and good cropper	1 0
Heckfield Hybrid —Green flesh, good flavour	1 0
Hero of Bath —Scarlet flesh, rich flavour, thin skin... ..	1 0
Hero of Lockinge —Handsome fruit, skin rich golden colour, regularly netted with white. Flesh almost white, deliciously melting, and of exquisite flavour; very early, and a popular variety for exhibition	1 0

	Per pkt.—s. d.
Monro's Little Heath —Easily cultivated, very prolific, and one of the hardest. The flesh is scarlet	0
Read's Scarlet Flesh —One of the most exquisite flavoured Melons in cultivation, beautifully netted	1
The Countess —A good constitution, medium size, free setter, distinctly netted. The fruit is yellow in colour, thin in the skin, thick in the flesh, which is nearly white, tender, juicy, and pleasantly flavoured	1
William Tillery —An exquisite green-fleshed variety of the richest flavour	1

NEW VARIETIES OF 1893.



KNOWSLEY FAVOURITE.

Melon, Knowsley Favourite—For delicious flavour, deepness of flesh, and thin rind, contrasted with other green-fleshed varieties, we have no hesitation in recommending as a great acquisition, and one that will give the greatest satisfaction to every grower. It is the result of a cross between *Knowsley Green Flesh* and *Wm. Tillery*. The plant has a robust constitution, similar to its parentage. It is moderately early, a sure setter, and a good grower. The fruit weighs from 3 to 5 lbs., occasionally more. In shape mostly round, but sometimes inclined to be oval; free from corrugations, finely netted; flesh pale green and very deep, particularly juicy, and of exquisite flavour.

Per packet, 1s.



WYTHES' SEEDLING.

Melon, Wythes' Seedling—A cross between *Limesfield Seedling* and a variety raised by Mr. Wythes not named. It is very early indeed, and a fine setter, producing fruit of medium size with golden skin, outside moderately netted, and very thin rind. A more remarkable feature of it is that the flesh is not strictly scarlet or green, but a combination of the two. The flesh is of high quality, and of an exquisite flavour. may be grown with little heat in the summer months, being very free.

Per packet, 1s. 6d

MUSHROOMS.

(*Agaricus campestris*.)



Cannell & Sons' Complete Seed Guide.

Having every facility, and to be quite sure that nothing but the best shall come from us, we collect samples from all sources where manufactured, immediately test which is the best, and purchase largely; consequently, all our customers succeed, most of them far above their expectations. At this moment we have a large stock, and beyond all question the finest ever offered. Per brick, 6d., postage, 4½d.; per peck, 1s. 6d., postage, 1s.; per bushel, 5s.

Mr. R. GILNERT, High Park Gardens, Stamford.

If anything ever did deserve the name of unique, surely your Mushroom Spawn does. I have been a grower for many years, and better crop I never saw. Keep a good stock so I can depend on getting it whenever I want it fresh.

A Practical Treatise on the Cultivation of Mushrooms, by
J. Wright, F.R.H.S., price 1s., post free 1s. 2d.

By using Cannells' Perfect Mushroom Spawn they can be had all the year round.

MUSTARD.

(*Sinapis alba* and *S. nigra*.) CRUCIFERÆ.

CULTURE.—Sow every fortnight for succession in boxes, in heat when too cold out of doors. On account of making such rapid growth, should be sown about a day or so later than Cress, when they are required to come in together for cutting.

Best White —As generally grown for salads...	... ..	per quart, 2s.; per pint, 1s.;	Per oz.—s. d.
	Cheaper by the peck or bushel.		0 2
Chinese —Leaves and stems much larger than the common variety, black seeded	... ..	... ..	0 3

CANNELLS' SILVER MEDAL ONIONS.

(*Allium cepa*.) LILLIACEÆ.

Awarded a SILVER MEDAL for our collection at the Royal Horticultural Society's Show, held at the Agricultural Hall in August, 1893.



OUR ONION FIELD BETWEEN JUNE AND SEPTEMBER.

CULTURE.—The ground should be double dug in October or early in November, great care being taken to intermix a heavy dressing of night soil, pig or strong manure, keeping as great a portion of the manure as possible at the bottom of the trench. The ground can then be left in its rough state until early in January, when a good dressing of soot may be spread over the surface, which is not only a preventive for the maggot, but a valuable stimulant for the Onion throughout its different stages of growth. Nothing more should be done until the end of February or March, when (weather permitting) the beds should be pointed over, well raked, and rolled or trodden down firm, and the seed drilled in rows one foot apart, which leaves ample room for a draw hoe, which cannot well be used too often if care be exercised to avoid any injury to the tops. As soon as the Onions are up and well established thin out to 9 inches apart, and during an early stage of their growth a liberal top-dressing of spent mushroom bed manure would be beneficial in keeping the ground moist and cool in hot, dry seasons, and saving a considerable labour in watering. When they are in full growth a dressing of our "Real Manure," two ounces to the yard, will do wonders for them. For what are termed Tripoli or Winter Onions, sow early in August and transplant the following spring.

Per pkt.—s. d.

AILSA CRAIG—One of the largest and most beautiful kinds yet introduced for exhibition purposes, bulbs, which vary from almost a globe to a flat oval shape; are of a pale straw colour 2 0

Improved Wroxtou.—A very valuable Onion, and is acknowledged to be the mildest flavoured and best keeper in cultivation. It may be grown to a large size, from 16 to 20 ounces in weight; the skin is of a very delicate light brown straw colour. It is an egg-shaped type, and quite distinct. ... 1 0

Banbury—This wonderful cropping Onion still retains its high reputation; it is a fine shape, with a bright yellow skin, and a snitable variety for the exhibition table

	per oz.	1	0
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Bedfordshire Champion—Globe shaped, skin brown, heavy crop and a good keeper
Per pkt., 3d. and 6d. 1 0

Blood Red—Strong flavoured, keeps							
well...	0	8	

Brown Spanish—Large cropper; good keeper	0	8
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OUR FIELD OF SEED ONIONS.

Cannell & Sons' Complete Seed Guide.



BANBURY ONION



Per oz.—s. d.

- Cranston's Excelsior**—Very small neck, globe-shaped; pale straw; grand for competition ... per pkt. 1s.
- Danver's Yellow**—An excellent large sort, and keeps well (see illustration); one of the best ... 0 8
- Deptford or Strasburg**—A good keeper ... 0 8
- Early Eight Weeks**—The quickest growing Onion in cultivation, coming to maturity in about eight weeks. Invaluable where Onions are required early in the summer; very useful for pickling, and of mild flavour ... 0 10
- Early Nocera**—A very suitable variety for pickling... 0 10
- Flat White Italian Tripoli**—For Autumn sowing; mild flavour 0 8
- Giant Rocca**—The best to sow in Autumn for transplanting in Spring. Grows to an enormous size; mild flavour ... 0 10
- Giant Zittau Yellow**—This is a capital keeping variety, if the bulbs are allowed to remain in the ground until thoroughly matured before being disturbed ... 0 10
- Golden Ball**—The finest Globe Onion in cultivation, a very heavy cropper, growing to a large size, with small neck, and bulb a beautiful globe shape. It is an excellent keeper, and a capital variety for exhibition. It has been carefully selected, and saved from bulbs of large size and perfect shape ... per pkt. 1s.



JAMES' KEEPING ONION.

- James' Long Keeping**—Keeps longer than any other sort ... 0 10
- Naseby Mammoth**—A fine form of Spanish type; symmetrical ... 0 10
- Nuneham Park**—Fine for competition; straw coloured ... 0 10
- Red Globe Tripoli**—A very remarkable variety, keeps very well 0 8
- Rousham Park Hero**—A new and valuable Onion of the White Spanish type ... 1 6



THE QUEEN ONION.

Per oz.—s. d.

- Silver Skin**—Small size, early, thin skin; good for pickling ... 1 0
- The Queen**—A silver-skinned variety, remarkable for its quickness of growth. If sown in March, will produce full-grown bulbs early in the Summer; most suitable for pickling ... 1 0
- Trebons**—Yellow; large, one of the best; splendid exhibition sort ... per pkt. 6d. 1 3
- White Globe**—Should be used early ... 1 0
- White Lisbon**—Of medium size; esteemed for its mild flavour ... 0 8
- White Spanish, or Port**—One of the best for main crop... 0 9



GOLDEN BALL.



DANVER'S YELLOW ONION.

PARSLEY.

(*Apium petroselinum*.) UMBELLIFERÆ.

CULTURE.—Should the weather be dry, sow early in February; if not, defer till middle of March. Sow again in May, and also July, for furnishing plants to stand over winter. Parsley seed is rather longer than most seeds in germinating, and should be watered in dry weather if necessary. The secret of having it good all the year is to sow in good soil, 16 inches from plant to plant.

Cannells' Beauty of the Parterre—Perfectly distinct from all others. The handsomest sort extant, highly decorative in the garden, and as a garnishing plant it is unsurpassed. When once tried no other variety will be grown. The plants should be thinned out to at least 12 inches apart. per packet, 3d. and 6d.; per oz., 1s.

Glanafon Gardens, Taihach, near Port Talbot.

SIRS,—I have grown Parsley extensively for a great many years, and have tried several varieties, but in my opinion your "Beauty of the Parterre" is the finest in cultivation. I have some roots over two feet in diameter; it is really handsome, and I would recommend it to all.

H. MORRIS.

Per oz.—s. d.

Covent Garden Garnishing — One of the best curled varieties grown 0 6

Fern Leaf—Invaluable as a garnishing plant and for table decoration; finest in cultivation 0 6

Moss Curled—A beautiful variety 0 6

Myatt's Garnishing—A splendid variety; very double 0 4

Turnip-rooted, or Hamburgh —Roots used for stewing ... 0 6



WHITE ITALIAN TRIPOLI ONION.

Cannell & Sons' Complete Seed Guide.

PARSNIP

(*Pastinaca sativa*.) UMBELLIFERÆ.



CANNELLS'
HOLLOW-CROWN
PARSNIP.

CULTURE.—Sow about the second week in February, or first in March, or as early as the ground is in a fit state to receive the seed, choosing a light deep-trenched soil if possible; and if required for exhibition, make a hole two feet deep with a crow-bar, push this round so that the hole is largest at the top, fill with fine soil, and finish off with dibbing in three seeds. After germinating leave the strongest seedling, assist them when in full growth, make four holes a foot deep in the soil and about five inches away from the plant, which can be occasionally filled up with liquid manure, and with proper care and attention afterwards, clean, well-grown specimens will be the result, that will astonish all beholders. They should be allowed to remain in the ground as long as the weather permits, and when lifted should be carefully placed in sand.

	Per oz.—s.	d.
Cannells' Student — A first-class variety for the garden	0	6
Cannells' Hollow Crown—A selected stock, producing long, clean, and smooth roots, free from side shoots; very tender	0	4
Elcombe's Improved—Fine flavour ...	0	4
Jersey Marrow—Extra large	0	4
Turnip-rooted—Recommended for shallow soils	0	6

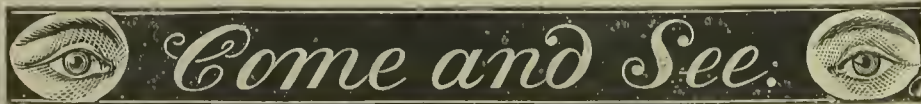


CANNELLS' "BEAUTY OF THE PARTERRE."

Very much the best ever seen, adding a beauty to every dining table.

Mr. D. PLUMBLEY, Opawa Cottage, School Green,
Freshwater, I.W.

I am pleased to say that I followed out your instructions in planting vegetables, and succeeded in obtaining four first, two second, and one third prize at our show, and a flower prize. Last year I did not win a prize of any sort, so I think I owe much to your catalogue, it being only my second year of gardening.



OUR POTATO FIELDS, JUNE, JULY, & AUGUST.

A SELECT LIST OF KITCHEN & EXHIBITION SEED POTATOES.

(*Solanum Tuberosum*) SOLANACEÆ.

Those marked with a * are good Exhibition varieties.

We grow, at our farm at Eynstord, many acres all for seed on calcareous soil, and as change of seed off different soil is so essential for heavy and healthy crops, our seed potatoes will be found to give undoubted satisfaction both for exhibiting and table purposes. Great attention and care is bestowed upon each variety to keep them perfectly true. All samples are hand picked by experienced men who are well acquainted with the respective sorts.

Our collection consists of about 100 varieties. In the list enumerated below are some 40 to 50 varieties, which we consider the best for table, show, and first prize winners. We are offering our seed potatoes very cheap, in order that change of seed can be within the reach of all; for after our practical experience and observations, we publicly and confidently assert it is money well spent.

CULTURE.—Consider the condition of the soil—if rich, pulverize it by digging two, three, or four times; if poor, manure it with our Real Manure, which always doubles the crop. Plant early, before the strong eyes at the principal end start growing. Do everything possible so that the foliage is in no way injured. Always feel a pride in seeing the tops die down a golden yellow. Take up early. Never clamp up tight until frosts set in—this prevents premature growth. Peel with a proper peeling knife. Do this every evening, and let them lay in water all night, and you certainly cannot fail to have mealy, beautiful eating Potatoes.

A SIMPLE AND CHEAP PREVENTIVE OF DISEASE.

We have tried this method, and found it answer satisfactory, on the *Beauty of Hebron*—and that is double earthing. Earth up the potatoes as usual, and about a month after earth them up again. Always plant your sets deep. Be sure to make the top of the bank as pointed as possible, resembling a Λ upside down. Any hollowness on the top of the bank is setting a trap to catch the germs of the disease which are washed down by the rain on the tubers, hence commences the disease. Pat both sides of bank well with a spade or shovel, we found it prevented the disease and the crop heavier.

White Varieties, Kidney and Round—

	Per peck of 14 lbs.,	Bushel of 56 lbs.	Per 56 lbs.	Per 14 lbs.
	s.	d.	s.	d.
*Abundance.—Good cropper; very pretty tubers; flavour good	10	0	3	0
*Best of All.—Resembles the old <i>Scotch Champion</i> ; round; good cropper and disease resister	10	0	2	6
Bruce.—A kidney shape; excellent disease resister. Good qualities for the table; should be grown for a main crop	6	0	2	0
*Burpee's Superior.—A handsome late kidney; heavy cropper; flavour good	10	0	2	6

Cannell & Sons' Complete Seed Guide.

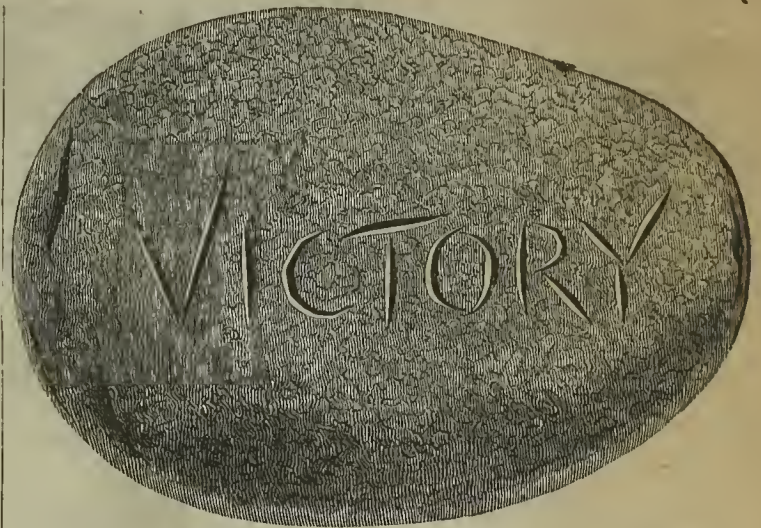
- *Cannells' "Come to Stay."**—Many laughed and ridiculed this engraving when it was first seen in England. It has not exceeded the quantity of tubers shown, but it is a staying favourite when well grown and the greatest cropper in existence. Even if the crop is half diseased, it is then equal to the *Beauty of Hebron*, which it resembles in eating and other qualities. In a dry, hot season it would be by far the most preferable Potato in cultivation; ready to dig very early 6 0 2 0
- *Cannells' "Victory."**—This put on any gentleman's table, properly cooked, would so attract the attention and taste of everyone that it would have to be grown in every garden. In every respect it is, in our opinion, the best early Potato yet sent out, and for exhibition a model. It is certainly the best for private gardens 8 0 2 6

We are prepared to supply the undermentioned collections at a very low rate, packing free and carriage paid to London only:—

A collection of 50 varieties, one tuber of each 10s. 6d.

A collection of 12 varieties, one peck of each variety, well adapted for the table or exhibition; all are good croppers and disease resisters—viz., *Wilson's Ashtop*, *Beauty of Hebron*, *Woomleighton Seedling*, *Peachblow*, *Lily White*, *White Rose*, *Reading Hero*, *Chappel's Cream*, *Maincrop*, *Prime Minister*, *The Bruce*, *Welford Park*, for 21s.; 7 lbs. of each for 10s. 6d.

	Per 56 lbs.	Per 14 lbs.
	s. d.	s. d.
*Chancellor. —A large, handsome, white, late kidney; enormous cropper and disease resister	10 0	3 0
Chappel's Cream —White Kidney, long flat shape; excellent quality	8 0	2 6
*Cosmopolitan —White Kidney, handsome shape	8 0	2 6
*Covent Garden Perfection —Handsome shape, heavy cropper; good for exhibition; a white Kidney of medium size; second early	10 6	3 0
Duke of Albany —White Kidney; productive, of first quality	10 6	3 0
*Early Puritan. —The earliest pure, white-skinned Kidney Potato in cultivation. Like most of the American kinds, when first introduced the <i>Early Puritan</i> is a prodigious cropper; but it is unlike most of the other varieties from that country, in that we shall not be obliged to grow it several seasons before it loses its waxy nature and becomes fit for table use, as its cooking qualities are at present almost equal to a good many of our first-class table varieties	5 0	2 0
Early Regent —Round white, a splendid early sort; good cropper; useful for general purposes	12 0	6



	Per 56 lbs.	Per 14 lbs.
	s. d.	s. d.
*Future Fame —A seedling of the <i>Magnum Bonum</i> type; a little earlier than that variety, and a great disease resister. It cooks white, dry, and mealy	10 6	3 0
*Imperator —A grand disease resisting kind; good for field culture; round white; late	6 0	2 0
*International Kidney. —Very handsome tuber; heavy cropper; a sure First Prize winner; possesses no qualities for eating	7 0	2 6
*Lily White —A handsome white kidney, remarkably prolific; fine garden variety; first-rate table quality	6 0	2 0
*Magnum Bonum —A well-known variety, should be grown for a main crop; a good disease resister	6 0	2 0
*Perfection —Handsome table variety; good quality; round white	—	5 0
*Prime Minister —Kidney, white; suitable for field or garden culture	6 0	2 0
*Reading Giant —Kidney shape; splendid quality; enormous cropper	6 0	2 0
Ringleader —Early white Kidney; flavour and quality good	—	6 0

The Major—Excellent quality. good keeper. cropping equal to *Magnum Bonum*; white, round. resists the disease; good maincrop kind

***Windsor Castle**—White round splendid cropper, excellent flavour

Main Crop—A good cropper and disease resister, flavour good

***M.P.**—Good white round variety, crops well

Myatt's Ashleaf—A well-known sort, very prolific, and of good flavour; one of the earliest

***New Seedling**—Oblong tubers, heavy cropper, good table qualities; flesh fine, mealy, and white

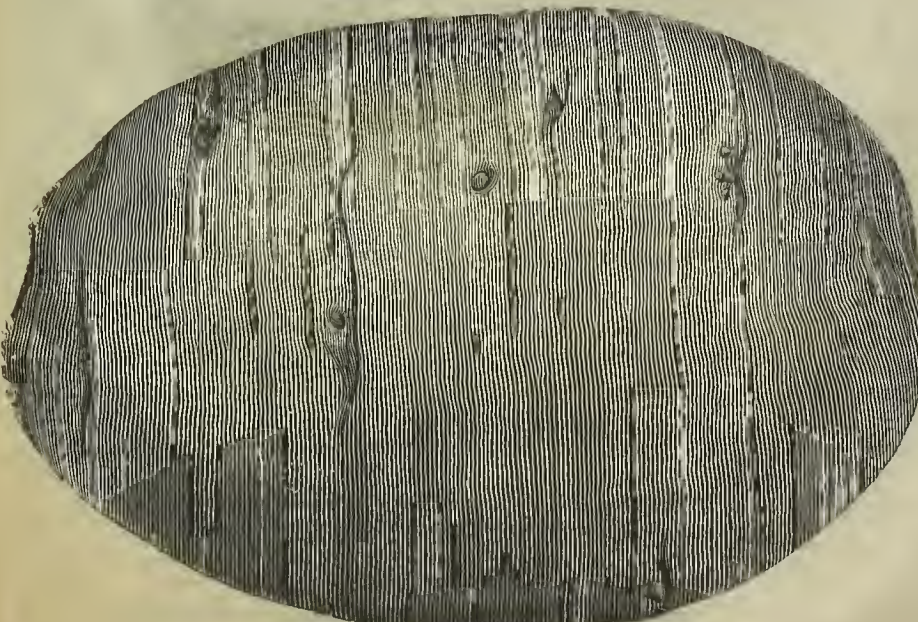
Reading Hero—Heavy cropper, free from disease

Rivers' Royal Ashleaf—A first-class early kidney variety

***Satisfaction**—Good cropper, round; a good general potato

***Schoolmaster**—For the select table one of the very best

***Snowball**—A first early variety, very dwarf top, tubers very handsome, and of first-rate quality



EARLY PURITAN.

Cannell & Sons' Complete Seed Guide.

	Per 56 lbs.	Per 14 lbs. s. d.
--	----------------	-------------------------

***Snowdrop**—A fine and distinct second early variety; very handsome white kidney, productive, and disease resister. Good quality ... 8 6 2 6

***Snowflake**—A good cropper, handsome tubers, flavour good ... 8 6 2 6

tourbridge Glory—Heavy cropper, pretty tubers ... 10 6 3 0

Victor—This is undoubtedly one of the earliest in cultivation; very suitable for early crops, both in private and market gardens; also for forcing. It is a flattened roundish oval in shape, eyes extremely shallow, clear skin, and a heavy cropper; superior in flavour, and dry and mealy when cooked; haulm very dwarf ... 10 6 3 0

Welford Park—Excellent cropper and disease resister, when boiled like balls of snow. A keeper, will eat well until August of the following year, no inclination to grow as other varieties do; should not be eaten until after Christmas. This variety cannot help giving satisfaction to everybody who tries it. Does not grow big and ugly on rich soils, but pushes out an abundance of nice, medium-size tubers for boiling ... 6 0 2 0

	Per 56 lbs.	Per 14 lbs. s. d.
--	----------------	-------------------------

***White Beauty of Hebron**—A good early variety; splendid flavour ... 8 0 2 6

White Rose—A cross between *Ashleaf* and *Early Rose* ... 6 0 2 0

Wilson's Ashtop Kidney—This is an old variety, comes in much earlier than the *Myatt's* or *White Beauties*. Heavier cropper, and resists the disease very much better; haulm dwarfer than the *Myatt's*. Where early potatoes are needed to come in quick it should be grown. We strongly recommend this variety; good sort for forcing ... 8 0 2 6

***Wormleighton Seedling**—First-rate keeper, good cropper, and disease resister ... 8 0 2 6

COLOURED VARIETIES, Kidney and Round.

***Beauty of Hebron**—One of the best early sorts, very productive, and a good keeper; flesh pure white; quality good ... 8 6 2 6

***Beck's Beauty of Hebron**—A good round, resists the disease; better than the original *Beauty of Hebron*; good cropper; flavour delicious ... 10 6 3 0

***Bedfont Rose**—A very fine late-keeping sort; skin pale red, with deeper coloured eyes; heavy cropper ... 10 6 3 0

***Cardinal**—A good cropper; handsome tubers; red kidney ... 8 6 2 6

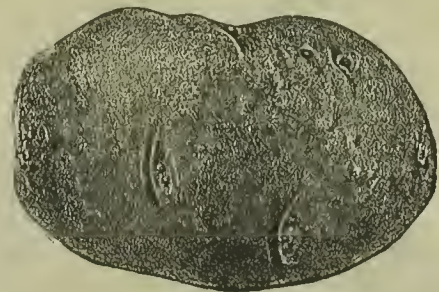
***Crimson Beauty**—Handsome red kidney ... 12 0 3 6

***Early American Rose**—Handsome red tubers ... 8 6 2 6

Early Vermont—One of the best of the American varieties; red ... 8 6 2 6



COME TO STAY (see description)



BEAUTY OF HEBRON.

	Per 56 lbs.	Per 14 lbs. s. d.
--	----------------	-------------------------

***Peachblow**—A first-rate variety; pink eyed; round ... 6 0 2 0

***Pink Perfection**—A good pink variety; handsome shape ... 10 6 3 0

***Prizetaker**—A good cropper, of excellent quality; skin pale pink ... 8 6 2 6

***Reading Russett**—A red; round; good quality ... 10 6 3 0

***Red Elephant, Improved**—Similar in constitution, shape, and habit as the popular *White Elephant*, and like that variety a heavy cropper; does well in sandy soil ... 8 6 2 6

***The Dean**—Tubers round and of a deep violet colour, flesh white, of the finest quality ... 8 6 2 6

***Vicar of Laleham**—A fine variety for the main crop; skin a rich dark purple ... 8 6 2 6

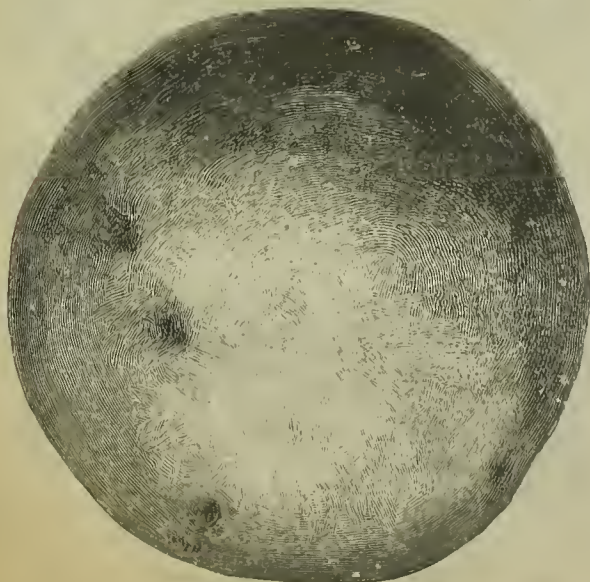
***White Elephant**—One of the best known sorts; still a great favourite, holding its own for a market variety ... 7 0 2 0

Cannell & Sons' Complete Seed Guide.



GARDENERS' CHRONICLE.
 II. Cannell & Sons showed a grand lot of Potatoes.
 DAILY GRAPHIC.
 Messrs. Cannells' Eynsford Mammoth Potato was prodigious.

THE GARDEN, September 30th, 1893.
 Messrs. Cannell showed 50 dishes of Potatoes, the best being Victory, Satisfaction, Chancellor, and some enormous tubers of Eynsford Mammoth weighing 3 lbs.



SCHOOLMASTER.

THE GARDENERS' MAGAZINE, September 30th, 1893.
 Even more noteworthy were Messrs. Cannells' collection of Potatoes, for they were alike remarkable for their high quality, the cultural skill that had been brought to bear upon them, and the taste with which they were arranged. Conspicuous among them were Eynsford Mammoth, a large kidney variety, dwarf in growth, a heavy cropper, and of excellent quality; Field Marshal, a red kidney, much brighter in colour than others of its class, and a good cropper; and Sweetheart, a white kidney, handsome in appearance, productive, and of excellent quality. (Silver Medal, R.H.S. Show.)
 Messrs. Cannell had an excellent collection of Vegetables, the Potatoes being very fine. (Earl's Court Show.)

Other Varieties in Commerce, and not mentioned in this List, can be supplied at Current Prices.

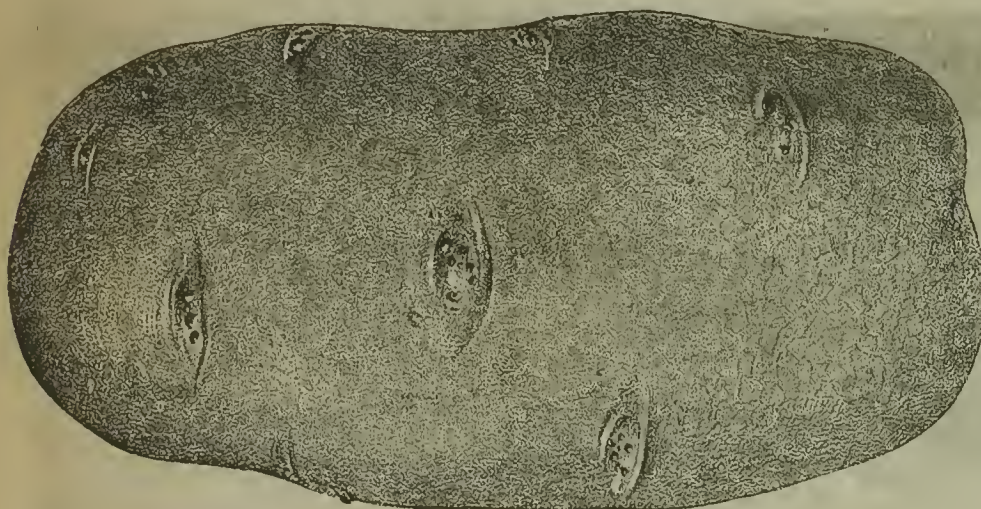
We should be pleased to supply Collections of 12, 18, or 24 Varieties, consisting of the finest Exhibition kinds or for Table use.

On application, Special Quotations per ton will be forwarded.

Our Prices are liable to be altered after the middle of March.

Public Institutions, Hospitals, &c., supplied on Special Terms. Large or small quantities forwarded. Send on list of kinds and quantities required.

Cannell & Sons' Complete Seed Guide.



PRIZETAKER POTATO.

The Carriage of Potatoes, Mushroom Spawn, &c., as part of a general order or alone, will be prepaid to any Station in England when the total value is not less than 20s., and to Ireland or Scotland when the total value is not less than 40s.

RADISH

SAVED FROM TRANSPLANTED AND SELECTED ROOTS ONLY.

(*Raphanus sativus*.) CRUCIFERE.

CULTURE.—To have early, sow in frames near the glass in January; in the open ground in February, and every fortnight till August. To obtain crisp, sweet-eating radishes they must be grown quickly.

Black Spanish—Large round; sow in Autumn ... Per oz.—s. d. ... 0 6



FRENCH BREAKFAST RADISH.



WOOD'S FRAME RADISH.



RED TURNIP RADISH.



OLIVE-SHAPED RADISH.

	Per oz.—s. d.
China Rose—Sow in August for Winter use	0 8
French Breakfast—The best for early forcing, very much liked in Paris. It is of an oval form, scarlet colour tipped with white	
per pint, 2s.	0 4
Mixed Turnip per quart, 2s. 6d.; per pint, 1s. 3d.	0 3
Olive-shaped Scarlet—Quick growing, mild, and sweet	
per quart, 3s. 0d.; per pint, 1s. 6d.	0 4
Olive-shaped White—Similar to the scarlet except in colour ...	0 6
Raphanus Caudatus; or, Rat-tailed Radish—The seed pods are eaten only of this variety; they are often an immense length, and are excellent in pickles ... per packet, 6d.	
Red Turnip per quart, 2s. 6d.; per pint, 1s. 3d.	0 3
Scarlet Short-top—Suitable for sowing outdoors	
per quart, 2s. 6d.; per pint, 1s. 3d.	0 3
White Turnip 2s. 6d.; „ 1s. 3d.	0 3
Wood's Early Frame—Very early; fine flavour	
per quart, 2s. 6d.; per pint, 1s. 3d.	0 3

Cannell & Sons' Complete Seed Guide.

Victoria—Larger leaves, more fleshy, and superior quality to the ordinary spinach; stronger grower, and needs more room than the prickly; quite hardy, and is not so apt to run to seed ... 0 4



CANNELL'S PRICKLY SPINACH.

Cannell's Prickly, or Winter—

For Winter use ... per qt., 2s.; per pint, 1s. 0 3

Cannell's Round, or Summer—

For Summer use ... per qt., 2s.; per pint, 1s. 0 3

Flanders Broadleaf—A broad-leaved

hardy variety ... „ 2s.; „ 1s. 0 3

New Zealand—Should be sown in February in heat and transplanted in June ... 0 8

Orache, or Mountain—Quite distinct ... 0 6

TURNIP.

(*Brassica rapa.*) CRUCIFERÆ.

CULTURE.—Sow in March, April, and once a month till the end of August. Sow *Six Weeks* and *Snowball* till May; they are the best for early use.

Per oz.—s. d.

All the Year Round—A green-top yellow variety; stands the severest weather ... 0 4

American Red Stone—A most excellent kind ... 0 4

Cannell's Early Six Weeks.—Beautiful shape, the quickest variety grown, and one of the best for general crop. per pint 1s. 9d. 0 4

Chirk Castle Black Stone—A capital variety for August sowing for Winter use; the skin is black and the flesh snowy white. The quality is first-rate, and as the bulbs bury themselves well in the soil they remain good all through the winter and in the most severe weather ... 0 6

Early Purple-top Munich—The earliest of all, fine flavour; suitable for exhibition ... 0 6

Cannell's Early Snowball—Good for Exhibition, per pint 1s. 9d. 0 4

Early White Stone—Suitable for Summer use per pint 1s. 9d. 0 3

Green-top Stone—For late sowing ... per pint 1s. 9d. 0 4

Jersey Navet—A white variety, oblong shape, mild, sweet flavour; good for late sowing to stand the Winter ... 0 4

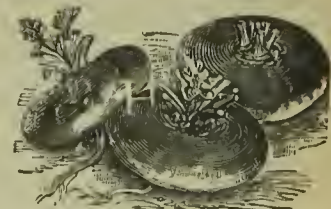
Orange Jelly, or Golden Egg—The best yellow variety per pint 1s. 9d. 1

Turnip, Model White.—This variety is remarkable for its form, earliness, and quality, and it cannot be too strongly recommended to exhibitors. *The Gardeners' Chronicle* says:—"No. 1 White Turnip is the greatest advance in white varieties that we have seen." Awarded Certificate at the Royal Horticultural Society's Vegetable Conference. ... 0 6

Turnip, Golden Ball.—This was certificated by the Royal Horticultural Society as the best type of yellow garden Turnip. The flavour is excellent, and it stands the winter almost as well as a Swede. It has been awarded numerous prizes ... 0 6



YELLOW FINLAND TURNIP.



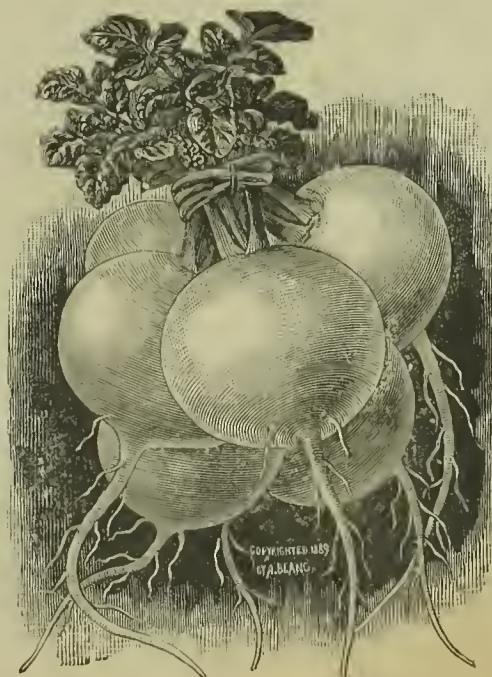
EARLY PURPLE-TOP MUNICH TURNIP.



AMERICAN RED STONE TURNIP.

White Dutch ... per pint 1s. 9d. 0 3

Yellow Finland—A splendid variety, which can be sown either in Spring or Autumn; bulbs very even and regular in form, somewhat hollowed at the base, with a very small tap root; smooth skin of a pale orange-yellow colour, the upper part a pale green, yellow flesh, solid and excellent ... 0 6



CANNELL'S EARLY SIX-WEEKS TURNIP.

Cannell & Sons' Complete Seed Guide.

TOMATO, or LOVE APPLE.

(*Lycopersium esculentum*.) SOLANACEÆ.

We had during the summer our 100-feet house of these, grown specially for trial and seed. None were better than those now offered.

CULTURE.—Sow in February or March in heat, pot, and gradually harden off, so that they may be ready to plant out the latter part of May to a sheltered location. For indoor purposes, get good plants in 4 or 5-inch pots; when they show a truss of flower they require fertilising or setting with a camel-hair brush. As soon as the fruit is formed, plant them out in ordinary good soil, 12 inches from plant to plant, pinch out all side shoots, and preserve the large leaves; if fruit fails to form, apply pollen at once, so that the plants bear fruit from bottom to top. Pick fruit as soon as ripe, and never select any other than fruit full of seed: ill-formed ones are disappointing, and often get seedsmen and gardeners in bad repute on this account.

Per pkt.—s. d.

CANNELLS' PERFECTION—Perfectly smooth and very solid: ripens evenly and early; enormously productive, and contains very few seeds ... 1 0

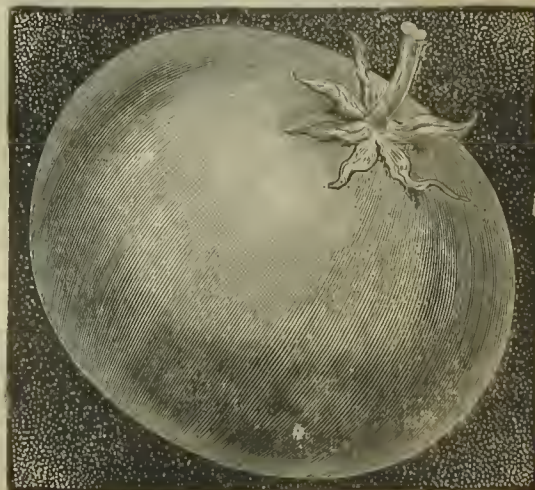
CHALLENGER—Granted an Award of Merit by the Worshipful Company of Fruiterers at the Guildhall Exhibition, 1890.—The fruit are borne continuously in clusters of eight, ten, and sometimes more, are of medium size, very solid and heavy, bright scarlet colour, excellent flavour, very fleshy, and with but little core; a grand exhibition or market kind. It is alike good under glass or in the open, but is preferable for indoor culture on account of its tall growth and profuse bearing qualities ... 1 0



DISH OF CANNELLS' PERFECTION.



LIVINOSTONE'S FAVOURITE TOMATO.



YELLOW TROPHY TOMATO.

Cannell & Sons' Complete Seed Guide.

	Per pkt.—s. d.
Conference —Medium-sized fruit, perfect in form, rich in colour, and produced in wonderful freedom, not only under glass but outdoors	1 0
Conqueror —An early and free setter and a great cropper, whether under glass or outdoors	6d. and 1 0
Dedham Favourite —Good main crop variety	6d. and 1 0
Early Dwarf Red —A quick grower, one of the best for general cultivation	6d. and 1 0
Early Ruby —A capital smooth round variety; good cropper, flavour excellent	6d. and 1 0
Golden Princess —The fruit is medium in size, perfectly round, colour deep golden yellow, of splendid flavour, and a very free bearer; a grand dessert variety	1 6
Goldfinder —This is pronounced to be the largest smooth Red Tomato yet seen. It is of beautiful form, brilliant scarlet colour, and exquisite flavour. The flesh is solid, and contains very few seeds. It is specially remarkable for its profuse and continuous bearing	1 0
Hackwood Park	6d. and 1 0
Ham Green Favourite —Good size, scarlet, and of fine shape; a wonderful cropper	1 0
Hathaway's Excelsior —A very handsome variety; fruit large, round, and quite smooth	6d. and 1 0
Lady Bird —Twelve plants of this variety amongst our collection were planted at Eynsford, beating all other kinds. See new varieties	
Large Red —Splendid for general purposes	3d. and 0 6
Laxton's Open Air —Has much to recommend it: exquisite flavour; first-rate variety for growing outdoors; a remarkably free setter of good size and prolific, fruiting within several inches from the ground, and continuing up the plant for several consecutive joints	3d., 6d. and 1 0
Livingstone's Favourite —Is one of the best, largest, and most perfect-shaped varieties in cultivation; ripens evenly and early, and holds its size to the end of the season	6d. and 1 0
Mikado —An American variety, grows to a very large size; one of the best	6d. and 1 0
President Garfield —Enormous size, and ripens evenly; delicious flavour	6d. and 1 0
Prince Albert Victor —(A variety from <i>Conqueror</i> and <i>Mayflower</i>)—Fruit large, flesh very solid, grand flavour, colour bright crimson, shape round and smooth, stems short-jointed, and a very heavy cropper	1 6
Purple King —(A cross between Moore's <i>Gem</i> and <i>Mayflower</i>)—Colour very bright purple, shape round and smooth, of medium size, very prolific, and quality first-rate	1 6
Red Currant, or Cluster —Highly ornamental and interesting, producing an abundance of small fruit in clusters similar to Red Currants, but larger	6d. and 1 0
Stamfordian —Good for exhibition purposes	6d. and 1 0
The Trophy —This ranks amongst the earliest, and is, without doubt, the largest, most fleshy, and best flavoured of all when well grown	6d. and 1 0

	Per pkt.—s. d.
Vick's Criterion —Medium-sized fruit, resembling a plum in shape	6d. and 1 0
Yellow Trophy —Identical in shape and size of the well-known <i>Trophy</i> , but in colour a beautiful yellow	1 0

OTHER VARIETIES CAN BE SUPPLIED.



MIKADO TOMATO



TROPHY TOMATO.

I might say that *Perfection Tomatoes* grown from your seed were beautiful. I have had nothing to equal them.

The Mushroom Spawn I had of you is doing splendidly.

All the seeds obtained from your firm have given the greatest satisfaction.

Last year my garden was highly satisfactory. I attribute it entirely to the excellency of your Seeds. There was abundance of all kinds.

I found your Seeds quite up to your advertised term "Perfect" all round.

Your Potato *Victory* is, I should say, as good as a potato can be.

The *Stanstead Park Lettuce* from Swanley has proved itself a most excellent one. My gardener considers your seed the finest he has ever had.

Cannell & Sons' Complete Seed Guide.

VEGETABLE MARROW

(*Cucurbita ovifera*).

CULTURE.—The seed may be sown in a slight heat the end of March, and shifted from the pots about the middle of May, when select an open piece of ground and throw out holes from two to three feet square and one foot deep, which should be at least 12 feet apart, the soil thrown out being used to raise the sides. A layer of dry leaves or litter should be spread over the bottom, and afterwards a sufficient quantity of ordinary good soil, wherein a small portion of leaf soil and spent manure has been mixed, to refill it. The plants being hardened off, should receive at the time of planting a good watering, and be shaded and protected as long as necessary. Planted in this manner they make firmer and shorter jointed growth, are more prolific, less water required, and are not so liable to go off when in full bearing, as often happens under a more forcing treatment. They can also be grown with success outdoors by putting in a few seeds the first week in May, where they are to remain.

Green Bush, or Cluster	...	...	...	...	Per pkt.—s. d.	
	...	...	...	...	...	3d. and 0 6
Hibberd's Early Prolific—A heavy cropping kind, setting its fruit quicker than some varieties	...	...	...	...	...	0 6
Improved Custard—A very ornamental as well as a useful variety	0	6				
Large White—Large size, handsome shape, splendid flavour; one of the best	...	...	...	...	...	0 6
Large Green and Gold, best for eating	...	...	...	...	...	3d. and 0 6
Mixed Varieties	...	...	...	...	...	0 3
Moore's Cream	...	...	...	...	...	3d. and 0 6
Pen-y-byd—A distinct variety of great merit; fruit almost globular in shape; colour delicate creamy white; firm flesh, of fine quality and delicate flavour; one of the finest	...	...	...	...	6d. ,,	1 0



LARGE WHITE VEGETABLE MARROW.



CUSTARD MARROW.

CANNELLS' TRANSPLANTED VEGETABLE PLANTS.

Plants of the following Vegetables supplied and sent by Parcel Post, at the periods stated below:—

	Per 100—s. d.	s. d.	
Borecole, or Kale—From April to Aug	1 0 to 1 6	according to size.	
Broccoli—From May to August	1 0 ,, 1 6	,,	,,
Brussels Sprouts—From Sept. to July	0 9 ,, 1 0	,,	,,
Cabbage—From August to April	0 9 ,, 1 0	,,	,,
Cabbage, Savoy—From May to Sept.	0 9 ,, 1 0	,,	,,
Cauliflower—From March to August	1 6 ,, 2 0	,,	,,
Celery—From May to August	1 6 ,, 3 0	,,	,,

	Per 100—s. d.	s. d.	
Chou de Burghley—May to August	2 0 to 4 0	according to size.	
Coleworts—From June to August	1 0 ,, 1 6	,,	,,
Leek—During May and June	1 6 ,, 3 0	,,	,,
Lettuce—Nearly all the year round	1 0 ,, 2 6	,,	,,
Onions, Autumn sown—During Feb.			
ruary and March	1 0 ,, 1 6	,,	,,
Tomatoes—February to June	1 6 ,, 2 6	per doz.	

A list will be forwarded on application, at current prices, for plants of Cucumbers, Melons, and Vegetable Marrows.

TOBACCO.

HAVANNAH	...	...	...	...	...	...	...	...	...	...	...	...	3d. per packet.
KENTUCKY	...	...	...	...	...	...	...	...	...	...	...	...	3d. ,,
VIRGINIAN SEED LEAF	...	...	...	...	...	...	...	...	...	...	...	...	3d. and 6d. ,,

Mr. C. FAULKNER, The Gardeus, Silverdale, Staffs.

I am quite pleased with your seeds, and can safely say they are the best and most reliable I have ever had; my master, also, says they come up splendidly. I also have to express my thanks, and do not hesitate to say that Messrs. H. Cannell & Sons Catalogue and Guide are the most complete and best I ever saw; most enjoyable to look through. I shall be pleased to see them regularly

C. LEESON, Esq., Wrawby, Brigg, October 24th, 1893.

Brussels Sprouts from your seed are the best I have ever had.

Cannell & Sons' Complete Seed Guide.

CULINARY PLANTS, ROOTS, &c.

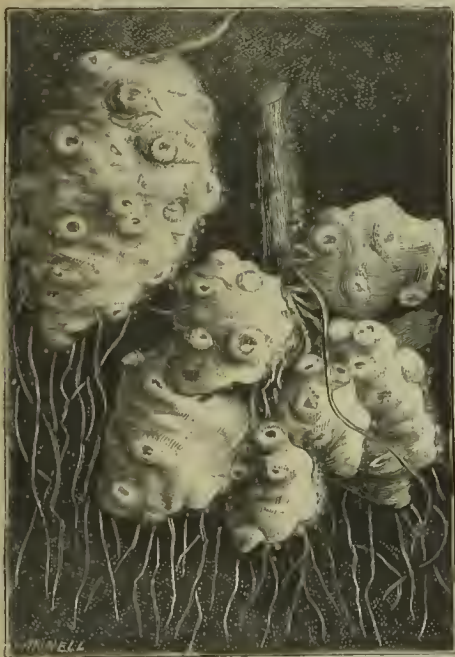
ASPARAGUS PLANTS.

Connover's Colossal—1 year ...	...	...	...	per 100—	s. d. 3 6
" " 2 " ...	...	...	...	"	4 0
" " 3 " ...	...	...	...	"	7 0
Giant or Battersea—1 " ...	...	...	...	"	2 6
" " 2 " ...	...	...	...	"	4 0
" " 3 " ...	...	...	...	"	6 6

SEA KALE PLANTS.

Extra Selected ...	...	...	...	per doz.—	2 0
Strong Plants ...	...	...	...	"	1 0

ARTICHOKE ROOTS AND PLANTS.



WHITE SKINNED.

Globe Artichokes (Plants) ...	...	...	...	per doz.—	6 0
Jerusalem Artichokes (Tubers) ...	...	...	...	per peck—	1 0
Jerusalem Artichokes (White) ...	...	...	...	"	5 0

RHUBARB ROOTS.

Dancer's Early Scarlet ...	...	...	...	Per doz.—	s. d. 7 0
Extra large, for foreing ...	...	...	...	...	12 0
Johnston's St. Martin ...	...	...	...	...	7 0
Mitchell's Royal Albert ...	...	...	...	...	7 6
Mixed Varieties ...	...	...	...	...	6 6
Myatt's Victorla... ..	...	...	...	...	7 0
Hawke's Champagne ...	...	...	...	...	7 0

One or six roots of each of the above can be supplied also.

POTATO ; OR, UNDERGROUND ONIONS.

6d. per lb. ; 14 lbs., 5s.

GARLIC.

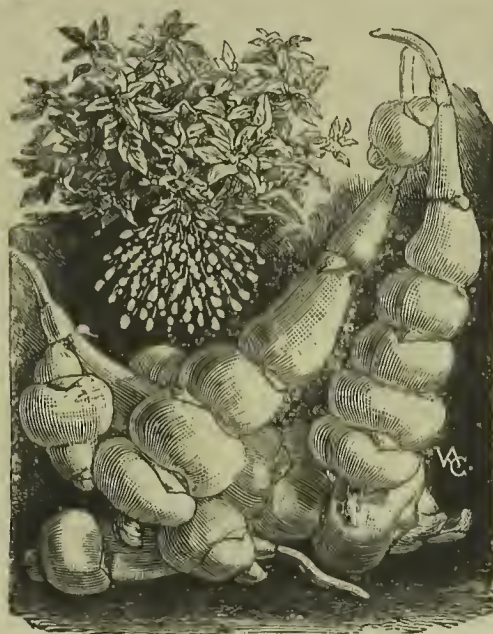
1s. per lb.

SHALLOTS.

9d. per lb.

HORSE-RADISH SETS.

Good Plants ...	...	...	per doz.—	s. d. 1 6
Extra Selected ...	...	...	...	2 0



STACHY'S TUBERIFERA.

Stachy's Tuberifera (Chinese Artichoke) Choro-Gi.—Quite a novelty, and should be tried by every one. The plant is more profitable than French Beans, and during the autumn and winter season the tubers are welcomed as a variety in vegetables. As a salad it is quite equal to Radishes, being brought to the table in the same way. It is as hardy as Knot Grass, not affected by frost in the least. The tubers should be lifted in November and stored in dryish earth or sand, not in damp material, as with the latter the growth is apt to recommence.

Tubers, per lb., 1s. ; 7 lbs., 5s. 6d. ; 14 lbs., 10s.

All raisers of New and Improved Vegetables are respectfully asked to send us good samples of the same, with the view of purchasing the entire stock.

HERB ROOTS, &c., &c.

Balm.	Marjoram.	Savory, Winter.
Chives.	Mint.	Tarragon.
Horehound.	Pennyroyal	Thyme, Common.
Hyssop.	Rue.	Thyme, Lemon.
Lavender.	Sage.	Wormwood.

Good plants 6d. each ; 5s. per doz.

Cannell & Sons' Complete Seed Guide.

OUR WONDERFUL REAL MANURE.

TREBLE YOUR PRODUCE.

FOR
GREENHOUSE PLANTS,
FOLIAGE and POT PLANTS,
ROSES, VINES,
and
VEGETABLES.



Gives a brilliancy in colour and more breadth and substance in petals (that is to say, flowers on plants) than any other. Its effects are most marvellous at this season, if applied to Primulas they will be as good again as they would otherwise. A 1-lb. tin will show its effects and guarantee its general use.

Sold under the Analysis of Dr. A. B. GRIFFITHS, F.R.S. (Ed.), F.C.S., whose report is in our possession.

1-lb. tin 1s., post free 1s. 4½d.; 3-lb. tin 2s. 6d., post free 3s. 1½d.; 6-lb. tin 4s. 6d., post free 5s. 6d.

In Bags—14 lbs., 8s.; 28 lbs., 15s.; 56 lbs., 25s.; 1 cwt., 45s.



ALWAYS AN ABUNDANCE OF FLOWERS.

JUST one powerful ingredient makes this Manure far superior to all others; its properties go direct to make Flower, Fruit, and Vegetable more brilliant, larger and finer, without the gross foliage. After one gets used to it they will soon gauge the exact strength that is necessary for any plant desired to have extra fine, the great thing is not to over apply it, but, if used with discretion, this is the most convenient and valuable of all Manures—its effect in a fortnight is marvellous—and those who use it double their produce. We have several who leave us standing orders for large quantities to be sent at stated times. All are charmed with its results, no greenhouse or garden can be near what it ought without it, and for all who wish to be first at exhibitions, it is absolutely necessary. Every shilling so expended gives another in return, and often two.

DIRECTIONS FOR USE.

FOR LAND IN GOOD CULTIVATION AND GROWING CROPS.—Three-quarters of an ounce to the square yard, one-and-a-half cwt. to the acre. Mix with treble its quantity of fine, slightly damp soil, and scatter it regularly; you can see to a line how far it has been put.

FOR POOR LAND AND POTATOES.—Four to six cwt. to the acre.

FOR POTTING.—One ounce to the bushel of good compost, and thoroughly mix.

TOP DRESSING.—Two ounces to a bushel of good soil.

LIQUID MANURE.—Half ounce to a gallon of water, and increase it a little twice a week until the plants are well in flower.

On each occasion pot or water two or three without the Real Manure, and watch the difference, it will show one way to get money, and the other to lose it.



INCREASED PRODUCTION AND QUALITY
COMBINED.

EVIDENCE OF MERIT.

Mr. F. WRIGHT, Gas Works, Bromley-by-Bow.

Your real Manure has proved most satisfactory, having made plants blossom that have never done so before.

FRANK W. ROBERTS, Esq., Sheen Cottage, Purley, Surrey.

Kindly send me a tin of your Manure. We find it invaluable, and I have recommended it to many of my friends, who remarked how fine they get their flowers now to what they formerly were.

Mr. A. VINCE, Gardener to T. BROOKSBANK, Esq.

The Gardens, Newlands Park, Sydenham, S.E.

Your seeds have turned out a great success here this summer, especially Primulas and Cinerarias. Every one that sees them is astonished. They are fed twice a week with Real Manure, which I can highly recommend. As a flower producer, there is nothing equal to it.

T. COLLIN, Esq., Stanley Lodge, Cadogan Road, Surbiton, S.W.

Please send me another bag of Real Manure. I had some last spring, and found it far better than ever I have had before.

R. H. MACLOUGHLIN, Esq., M.B., CloughJordan, Ireland.

Please send bag Real Manure. Nothing in my mind can beat it. It is the best.

Cannell & Sons' Complete Seed Guide.

COME AND SEE LOVELY LAWNS AT EYNSFORD.

LAWN GRASS SEEDS,

For TENNIS LAWNS, CRICKET GROUNDS, PLEASURE GROUNDS, &c.

THERE is nothing more essential to a rural or suburban residence than a beautiful lawn with its close, velvety turf. In sowing down a lawn be sure the soil is perfectly clean, and if poor a good dressing of loam should be well spread over about three or four inches deep. After being well rolled and raked very fine the seed may be sown broad east and as evenly as possible, then rolled down. In a few weeks the grass will appear and be ready for cutting, which operation should be often performed, using the scythe until the lawn be well established, when it may be cut with machine and rolled as frequently as required. Sow per acre from three to four bushels.

The following mixtures contain only those close-growing dwarf Evergreen Grasses and Clovers that will produce a thick turf in a very short time:—

	Per Bushel.	Per Peck.	Per lb.
	s. d.	s. d.	s. d.
Ordinary Mixture	20 0	5 6	1 0
Best	24 0	6 6	1 3
Renovating	20 0	5 6	1 0

1 quart will sow 300 square feet; 1 peck will sow 2,400 square feet; 1 bushel, 10,000 square feet; 4 bushels, 1 acre.

Clover, White Dutch, for Lawns, 1s. 6d. per lb.

MISCELLANEOUS ARTICLES, MANURES, GARDEN REQUISITES, etc.

Acme Labels—See illustration.

Aphis Brushes—2/- each.

Aprons, Gardeners', Shalloon—First quality, 4/6 each; serge, 3/6 each.

Bamboo Canes—Prices according to market. 4 ft. long, 6/- per 100.

Baskets, Truck—All sizes, from 9d. each.

Beetle Powder—For beetles, cockroaches, and other pests. Per packet, 6d. and 1/-.

Bouquet Wire—See special mention.

Budding Knives—See illustration.

Campbell's Fumigating Insecticide—8d., 1/-, 1/3, and 2/3 each; a grand improvement.

Clay's Fertilizer, or Plant Food—Packets 1/- each.

Cocoanut Fibre—1/6 per bushel.

Coir Brushes—For cleaning pots. 6d. each.

Cucumber Glasses—12-inch to 24 inch, 2/- and 3/6 each.

Fowler's Gardener's Insecticide—In jars, 1/6 and 3/- each.

Fowler's Lawn Sand—For eradicating weeds, daisies, dandelion, &c., from lawns; very effectual. Tins, 1/- and 2/6 each.

Frigi Domo Canvas—Per square yard, 1/-.

Fumigators, Appleby's—5/- each.

„ Bloxham's—See illustration.

„ Tebb's—From 3/6 to 5/-.

Garden Netting, Tanned—2 yds. and 4 yds. wide, per yard run, 3d. and 6d.

Garden Trowels—6-inch, 1/- each.

Gishurstine—For preserving gardeners' boots. In tins, 6d. and 1/-.

Gishurst's Compound—In boxes, 1/- and 3/- each.

Gloves, Pruning—Best, per pair, 2/6, 2/-, and 1/6.

Grafting Wax—1/- and 2/- per box.

Hones, Tam o' Shanter—8d., 1/-, and 2/6 each.

Hughes' Aphicide—For applying insecticides on small plants, &c. The Aphicide is made so as to fit an ordinary bottle, price 1/6.

Hyacinth Glasses—In various colours. 9d. to 2/6 each.

For Edging Irons, Garden Reels, Hammers, Hoes, Rakes, Saws, Scissors, Scythe, Shears, Syringe, Trowels, &c., see illustrations.

Indelible Ink—For writing on zinc labels, 6d. and 1/-.

Instruments—Complete set for dressing Chrysanthemums, 21/-.

Labels, Zinc—1/6 to 3/6 per 100.

Lemon Oil Insecticide—1/6 per pint.

Lethorion, or Vapour Cones—6d., 1/-, 1/6 each.

Manure, Cannells' Real—See special page.

Mats, Best Archangel—2/- each.

„ St. Petersburg—1/6 each.

McDougall's Self-acting Tobacco Sheets—Made in single sheets, each sufficient to fumigate 1,000 cubic feet. 1/- per sheet.

Mealy-Bug Destroyer—Per bottle, 1/- and 2/6.

Nails, Cast Wall—3d. per lb.

Nicotine Soap—From 1/- per lb.

Raffia Grass—For tying, 1/6 per lb.

Shaw's Tiffany—In pieces, 20 yds. long by 38 inches wide, per piece, 5/-.

Shreds, Cloth—Per pound, 6d. and 9d.

Silver Sand—2/- per bushel.

Standen's Manure—In tins, 1/- and 2/6 each.

Sulphur—6d. per lb.

Syringes—Patent Ball Valve, 2 roses and 1 jet, 17/6 and 22/-.

Thermometers—Boxwood, 1/6 and 2/- each.

Thomson's Vine Manure—20/- per cwt.

Tobacco Paper and Rag—See special mention.

Tobacco-Powder—In tins, 1/- and 2/6 each.

Tweezers—Ivory, 3/6; steel, 1/9.

Verbena Pegs—Per box, 1/-, containing one gross.

Wolff's Solid Ink Pencils—For writing on wood, 3d. each.

Wood Labels—For Flower Pots (painted), in bundles of 100; per bundle, 4-inch, 8d.; 5-inch, 10d.; 6-inch, 1/-.

Wood Labels—Unpainted, in bundles of 100; per bundle, 3-inch, 4d.; 4-inch, 5d.; 5-inch, 6d.; 6-inch, 7d.; 7-inch, 8d.; 8-inch, 10d.; 9-inch, 1s. 4d.; 10-inch, 1s. 8d.; 12-inch, 2s.

If you are in want of anything connected with the Garden not mentioned here, please write for quotation
We are prepared to supply from the smallest to the largest quantities.

Cannell & Sons' Complete Seed Guide.



FIR TREE OIL.

The best and most approved of all Insecticides for killing Insects on Plants, whether at the roots or on the foliage.
 As a wash for killing Fleas and Lice on Animals. As a perfect remedy for all Skin Diseases.
 As an Insecticide for Cage Birds, &c., and as a bleacher and disinfectant for washing flannels and body linen.
 Full directions on each bottle. In bottles, 1s. 6d., 2s. 6d., 4s. 6d., and 7s. 6d.; and in gallons at 12s. 6d. each, or 11s. per gallon when larger quantities are taken.

HUGHES' GREEN AND CREAM SHADING FOR GLASSHOUSES, Green 1s., Cream 9d. per packet.

HUGHES' FLORAL CEMENT, For fixing bloom of Pelargoniums, &c. Sold in bottles, 1s. and 2s.

HUGHES' STYPTIC, For preventing Vines bleeding after pruning. In bottles, 1s. 6d. and 2s. 6d.

HUGHES' APHICIDE, 1s. 6d.

TROPICAL BEETLE POWDER.

For destroying Beetles, Cockroaches, Crickets, &c. Most effective in Greenhouses. Price 6d., 1s., & 2s. 6d.

HUGHES' FIR TREE OIL SPRAY PUMP.

Throws a fine spray 20 feet, and a jet 30 feet, with great force. Price 30s. A larger size for watering purposes, 50s.

PATENT FIR TREE OIL SYRINGE.

Large size, 24s. Medium size, 17s. 6d. Small size, 12s. 6d. With 5 feet of Tubing to each.

HUGHES' WORM DESTROYER.

For Worms on Lawns. Sufficient for 30 gallons of water. Packets, 1s. each

HUGHES' VAPOUR ROLL FUMIGATOR

Is sufficient for 1,200 cubic feet.

Is a wonderful invention, and surpasses anything ever produced. Is simple, and burns with a fragrant smell.
 Is perfectly safe, and never flames in burning.
 Gives out a large volume of vapour smoke which penetrates the Houses and destroys all insect life.
 Is cheap, effective, and always ready for use.

Price 1s. Box of refills for three Vapour Rolls, 2s. 6d.

Mr. H. C. PRINSEP, The Gardens, Buxted Park, Uckfield, June 17th, 1893.
 I exhibited your Pea in a collection at the Royal Horticultural Society's Meeting. It grew to the height of two feet, and was covered with pods of a good flavour. I strongly recommend *English Wonder* as the best early field pea in cultivation.

Mr. JAMES GIBSON, The Oaks Gardens, Carsbalton, Surrey, June 15th, 1893.
English Wonder Pea, sown out of doors in the first week in February, were fit to gather on 20th of May. Its cropping qualities I consider to be exceptionally good, while its flavour is, in my opinion, unequalled by any other early pea in cultivation.

Mr. WM. POPE, The Gardens, Highclere Castle, Newbury, June 28th, 1893.
English Wonder Pea, I am pleased to say has given me great satisfaction. It came into use a day or two later than *William Hurst* and *Chelsea Gem*, but it is much superior to these in cropping qualities, flavour, and appearance. It will, I am sure, become a favourite with all when better known.

Mr. R. MILNER, Penrice Castle Gardens, Swansea, June 13th, 1893.
 Your *English Wonder* Pea is a great improvement on all early varieties I have grown, both for cropping, earliness, and quality. Sown on February 6th, I was able to pick for table on May 9th. Height 15 inches, and literally covered with pods, which contained from 8 to 10 peas of a rich green, colour and of superior quality. Gardeners who require a Pea of first quality combined with earliness will do well to grow this variety.

Mr. JAS. DOUGLAS, Great Gearies, Ilford, Essex, July 18th, 1893.
 I beg to say that your Dwarf Pea *English Wonder* still maintains its high standard of excellence in dry season as it did the wet one of last year.

Mr. T. TURTON, The Gardens, Maiden Erlegh, Reading, July 4th, 1893.
 I sowed your *English Wonder* Pea on March 21st, and it was fit to gather on June 21st, not having had a drop of water after they came up, and yet the pods were as full as other peas are in an ordinary season. The crop was splendid and of excellent quality. I must repeat what I have often remarked that had your *English Wonder* been more generally grown there would not have been scarcity this season. It has indeed a wonderful constitution, and I predict it a great future.

Mr. BAILEY WADDS, Birdsall, York, July 4th, 1893.
 The Dwarf Early Marrowfat Pea *English Wonder* is an excellent variety, good cropper, compact thick habit, and very free. Valuable for frames and early borders.

Mr. R. LYE, The Gardens, Sydmonton Court, Newbury, Berks, June 24th, 1893.
 The *English Wonder* Pea has turned out well. I like it immensely, quite the best variety of its class I have ever grown. A wonderful cropper, being completely covered with pods of good size and colour, and when cooked are of extra good colour and flavour for an early variety. I am sure as it gets better known it will be grown very extensively, as it far surpasses *American Wonder* and many other early varieties at present in the market.

Mr. GARDENERS' CHRONICLE, June 17th, 1893. H. MARKHAM, Mereworth Castle, Kent.
 I have not grown Cannells' *English Wonder* before. It is to my mind rightly named, as it has proved simply perfection here, and I shall grow it largely.

Cannell & Sons' Complete Seed Guide.

BOUQUET WIRE (Silver White).

This Wire is of the finest quality, smooth and easy to work, no matter how long kept.

Stalk Wire in $\frac{1}{4}$ -lb. packets (about 500 wires), two different thicknesses of wire in each. Price 6d. Postage extra.

Fine $\frac{1}{4}$ -lb. reels for binding, also best annealed (black), &c., price 9d. Extra fine (white only), 1s. per reel. Sent by post, $\frac{1}{4}$ -lb., 2 $\frac{1}{2}$ d. extra; under 1 lb., 3d. extra; 3 lbs., 6d. extra.

TOBACCO PAPER and CLOTH for FUMIGATION.

Of our own manufacture, free from injurious properties to plants. For full particulars how to use it, and to exterminate the Green Fly, see "CANNELLS' ART OF GARDENING," sent post free for 4 stamps. 1s., 4d. per lb.; 5 lbs., 5s. 8d.; 10 lbs., 10s. 6d.; 28 lbs., 27s. Carriage extra.

IMPROVEMENT IN HOLDERS OR SUPPORTS

FOR

Cut Flowers.

— THE —

ROSE EXHIBITOR'S AID

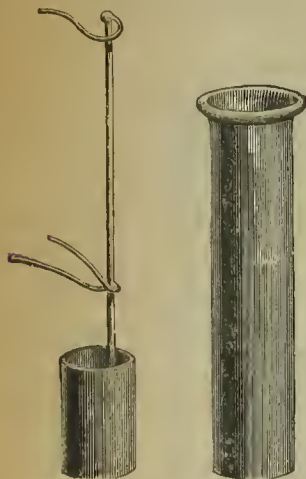
(WALKER'S PATENT).

TUBES, 6s. per dozen;

SUPPORTS, 1s. per dozen.

SUPPORTS for SPECIMEN GLASSES

Silver-Plated, 9d. and 1s. each;
Gilt, 1s. each.



THE DUPLIX.

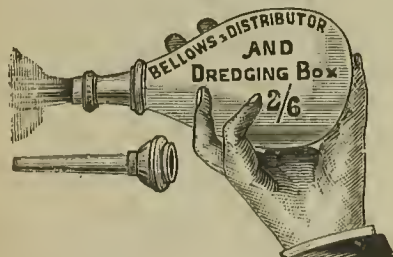
THE MOST USEFUL AND EASILY WORKED

Powder Distributor and Dredging Box

EXTANT.

DISTRIBUTES INSECT POWDERS—

"THANATOS," TOBACCO POWDER, SULPHUR, HELLEBORE, &c.



2s. 6d. each; by Parcel Post, 2s. 9d.

We recommend this Sulphur Duster beyond all others.

FIELD'S WALL NAIL.

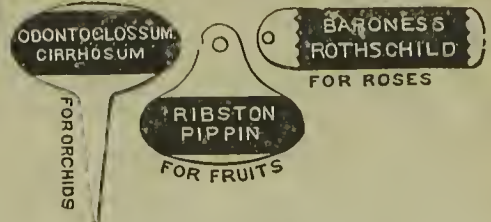
NO CLOTH NEEDED.

Driving with Ease and Expedition. Made in four sizes.

Price 4 $\frac{1}{2}$ d. per lb.

N.B.—Space must be allowed for swelling of stem.

ACME LABELS.



Acme Label for ORCHIDS, 3s. 6d. per Dozen, or 36s. per Gross.

Acme Label for FRUITS, 1s. 9d. per Dozen, 18s. per Gross.

Acme Label for ROSES, 1s. 3d. per Dozen, or 12s. per Gross.

POSTAGE RATES ON "ACME" LABELS.

LETTER POST.

PARCEL POST.

ROSES.	FRUITS.	ORCHIDS.	ROSES.	FRUITS.	ORCHIDS.
4 ... 1d.	3 ... 1d.	2 ... 1d.	65 ... 3d.	38 ... 3d.	33 ... 3d.
8 ... 1 $\frac{1}{2}$ d.	5 ... 1 $\frac{1}{2}$ d.	4 ... 1 $\frac{1}{2}$ d.	130 ... 4 $\frac{1}{2}$ d.	76 ... 4 $\frac{1}{2}$ d.	66 ... 4 $\frac{1}{2}$ d.
15 ... 2d.	10 ... 2d.	8 ... 2d.	195 ... 6d.	114 ... 6d.	99 ... 6d.
24 ... 2 $\frac{1}{2}$ d.	15 ... 2 $\frac{1}{2}$ d.	12 ... 2 $\frac{1}{2}$ d.			

SANDERS' BOOK ON THE GARDEN.

(ENTIRELY NEW AND REVISED EDITION).

DECIDEDLY the best Calendar of operations, and a great deal of other matter positively necessary to all who have a garden; in fact, this work should be on the desk of every gardener and amateur for free and ready access to the *employés*, then we should have a more regular and better supply of vegetables, and hear less of failures and scarcities. The Work contains, in addition to the above matter, a host of information of special value to the amateur and professional gardener, together with numerous illustrations, plans of beds, &c., and is beautifully printed and bound in cloth, thus rendering it worthy of a place on the drawing-room table. Ready in March. Price 2s. 6d.; post free, 2s. 9d.

BLOXHAM'S FUMIGATOR.

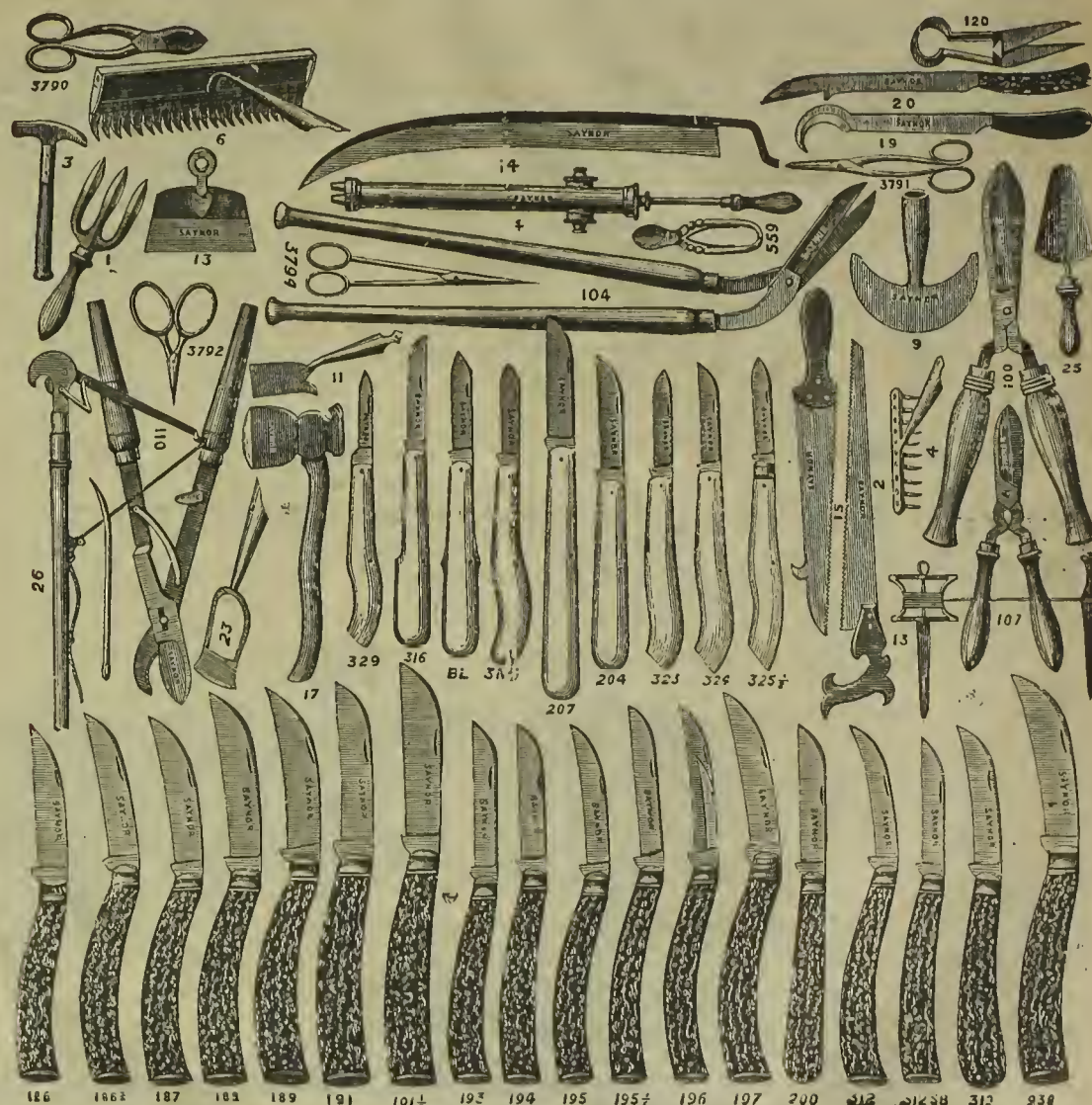


A new and highly successful Fumigator for fumigating Plant and Flowers indoors or in the open air. Both effectual and economical.

PRICES.

Small Size, 15s. 6d.; Large Size, 20s. and 25s. net.

PRUNING AND BUDDING KNIVES, SCISSORS, &c.



All Tools, Knives, &c., are of the best quality, warranted by the Makers, and specially made for Horticultural purposes.

No.	Price.	No.	Price.	No.	Price.	No.	Price.	No.	Price.	No.	Price.
3790	3/-	3794	3/-	3792	2/6	329	2/6	128	3/6	1195	3/6
6		129	3/-	4	1/6 to 2/6	316	3/-	1804	3/-	1954	3/6
3	2/6	20	3/6	107	4/-	B L	3/-	187	3/-	196	4/-
1	2/6	19	4/-	23	1/6 to 2/6	3 N B	3/-	183	3/6	200	3/6
13	1/6	3791	4/-	110	2/-	207	2/9	189	3/6	216	3/6
14	4/6	9		26		204	3/-	191	3/-	312	3/6
569	4/6	25	2/-	2	3/- and 4/-	323	3/-	1914	3/-	312 S B	3/-
104	6/- to 5/-	100	6/- to 8/-	15	5/-	324	3/-	193	3/-	313	3/6
		11	1/6	17		325	4/-	194	3/-	230	2/6

I am pleased to say the Seeds I have had in past years have given great satisfaction and have all come up well.

Mr. GREEN, The Gardens, The Waldrons, Croydon, June 28th, 1892.

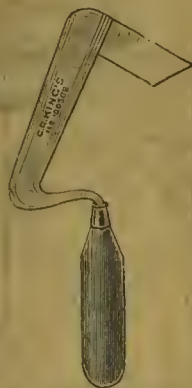
Your Seeds have given me great satisfaction; have had fine specimens. Wish you could see them.

Just to give you an idea how I succeeded with your goods. I carried off 11 First Prizes in sharp competition at three of the best Shows in the West of England.

Cannell & Sons' Complete Seed Guide.

King's Patent Eradicating Weeder.

This important little Tool, made of the best Steel, is essentially a **HAND WEEDER**, nine inches long, handle included, of a most companionable description, having five sharp edges, by which all weeds can with facility be scraped, cut, or dug out: the earth loosened, pulverised, or smoothed as desired, in an efficient manner with the greatest expedition, WITHOUT SOILING THE HANDS. Weeds amongst Onions.

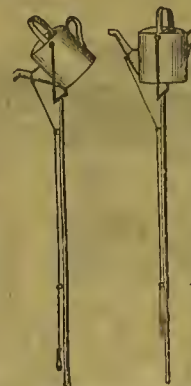


1s. 6d. each.

Carrots, Beets, and other Crops can be extirpated at any stage of growth in a quarter the time usually occupied. It is a boon for pot culture or the flower garden, where its handiness is greatly appreciated. Every gardener that has tried it pronounces it THE MOST PRACTICAL AND USEFUL TOOL of modern invention, regarding it as necessary to his equipment as the spade, rake, trowel, or hoe.

King's Patent High Level Watering Pot.

Obviates the necessity of climbing or shifting steps to water pots on hanging shelves, baskets, &c., or removing pots on lower tiers of shelves to reach those on the upper. By detaching the string from the brass loop on the spout,



and the pot from iron frame, it can instantly be used as an ordinary watering pot. It is light, durable, and handy, fills a long-felt want, and pays its cost in less than a week by its cleanliness and saving of time and trouble.

Made in the following sizes:—

1	2	3	Quarts.
3/6	4/-	4/6	each.

HOW TO DIG A BIT OF GROUND.

What a lot of jobs are done wrong, certainly not so correctly as they might and should be if we only give a few minutes' consideration and say, "Let us look first if this is right, and the best way to attain the object in view, what is wanted and what to avoid." Jack will say, "I've always seen it done so and so." Well, Jack's way will probably answer, and may or may not be good, but in these days we must adopt the best and most reasonable mode, all things considered. The illustration and our remarks will show and explain how a piece of ground should be dug, how things should be planted, and how treated after planting. How strange so important a matter as digging and pulverising ground is that no one, so far as our experience goes, has ever dealt with the matter properly, or what we should say, carried out the work to the fullest extent for the best. There are plenty of ploughing matches, but no digging matches—and why not? Here a little item about workmen: without hardly a single exception they will shun the work, when it should be to them a pleasure: they never try to adopt or think how would be the best and quickest, and most common-sense way to do it well, but plod on in an unthinking manner. It is of little consequence where and how the ground is situated, it will be best to dig half up, and the other half down, as shown.



Supposing it is a bit of ground with ordinary paths which is required to be turned up to look well and grow a good crop. First see that the ground is level, if not, take a forkful of the soil out here and there from the highest points, and throw into the lower parts until sufficient is moved so that all will be level when finished, for unlevel ground looks extremely unskilful; then wheel on the manure, spread it well and regularly, that is to say, evenly everywhere, just as much round the edges as elsewhere, generally a lot is left where first put, and the crop grows uneven and looks bad—people wonder the reason. This done, peel or skim off the paths all round sufficiently deep to get below the hearts of the weeds, throw this on the ground to be dug in; after this, line out or square the bit of ground. This done, clear off all weeds (see Engraving, Nos. 1 and 2), so that the soil to make a trench is clean, and also where it lays on No. 1. In digging observe the position of the man when the fork is being thrust into the soil with his heel on the shoulder of the tool, and his thumb through the cot of the handle, so that he has a firm hold and command over the fork or spade, which must be kept upright, and thrust down the full length (or at least a foot) of the blade or prongs; no rolling over the soil, small thin slices is far the best and quickest, this lifted clean up rarely requires much breaking afterwards. It will be seen that the man at No. 3 has just finished up to where he wanted to go; he then turns and commences to take out trench

on the other end of the next half, which he fills in at No. 3; this all laid level, he digs back to No. 1. Here he finds the soil he first took out at No. 2; this being free from weeds, it is filled in, and the work is finished off in a workmanlike and proper manner. Always keep a fair sized trench, so that all weeds can be put down and buried deeply, and for all special purposes have it extra deeply dug by going all along the trench from end to end and leaving it there, so that the next ordinary trench folds in on the top of it. When all this is carried out the whole should lay roughly level. Always dig square up to where the ground is required to be dug, and the trench fill in along, not up to one corner as is usually done, if so it will be out of level and unworkmanlike.

Arrange the ground so as to fit the position, all grass rubbish and manure must be thoroughly buried and the job finished, that the digger could say, with all pride, "Well, that is done as it should be. I have studied it to its fullest extent, and should be glad for any one to tell me one item that I do not know respecting the digging of ground properly;" and if he really knows without pretending, he is a valuable man, and one to make and grow plenty to eat.

Every employer should encourage this art, and there ought to be a prize offered for the champion digger in every village.

Cannell & Sons' Complete Seed Guide.

FLOWER SEEDS.



H. CANNELL & SONS'

(F. R. H. S., M. S. A.)

Home-Grown Extra Choice Flower Seeds.

EXPRESSLY FOR PROFESSIONALS AND AMATEURS.

DIRECT FROM THE GROWERS TO THE SOWERS.

FOR PENNY PACKETS, see page 116.

NOVELTIES, &c., IN FLOWER SEEDS FOR 1894.



ARISTOLOCHIA ELEGANS.

FULL-SIZED PACKETS ONLY OF THE FOLLOWING

NOVELTIES, &c.,

CAN BE SUPPLIED.

Aristolochia Elegans—A beautiful free-flowering species of neat growth. The flowers are borne on long stalks, and have a slightly distended tube, which is bent upwards, the upper part dilated into a cordate cup-shaped limb of a rich dark purple colour, ornamented throughout with irregular branched markings of a creamy white, and having a golden-yellow eye surrounded by rich velvety purple. Its blossoms are produced in the greatest profusion, even on small plants, and are entirely free from the objectionable odour peculiar to the genus. Can be grown in the stove or warm greenhouse. Certified by the Royal Horticultural Society. 1s. 6d and 2s. 6d. per pkt.

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Antirrhinum—Queen of the North—Grows to a uniform height of one foot, elegant habit, and densely covered with large white flowers. Without exception the finest and most beautiful Saapdragon ever seen, each plant will occupy a foot to 18 inches; a gem in herbaceous borders, and most useful for cutting. 1s. per pkt.

Aster — Comet, Improved Giant White—The flowers of this novelty are much larger than the white varieties introduced a few seasons ago, the petals being much longer and broader. The centre of the flower is formed by a great number of fine golden-yellow florets, shaped in the form of a hair. after a few days they unfold to regular florets, and change colour to a pure white, so that a flower of eight days is pure white; the best Aster for show purposes. 1s. 6d. per pkt.

Aster Comet, White with Rosy-Pink—A welcome addition to this class, the habit of the plant and shape of the flower is equal to those of any other colour. The flower is white with a delicate line of rosy-pink, later on the colouring becomes somewhat more intense; will become a general favourite. 1s. per pkt.



ASTER—COMET, IMPROVED GIANT WHITE.

Aster Mignon { White, changing to lilac. } 1s. 6d. per pkt. each
 { White, changing to rose. } colour.

The above new varieties are both of incomparable delicacy and beauty. Flowers of three distinct shades of colour are borne at the same time by one plant: the blossoms on first appearing being pure white; those half developed white, changing to lilac or rose; and, finally, the full-blown flowers are of a beautiful pure lilac or rose tint. Of beautiful shape, and most useful for pot culture and cutting purposes.

Aster Sinensis fl. pl. (Betteridge's Quilled)—Sulphury-yellow, a remarkably distinct variety of this free-blooming class. The flowers being globular, quilled, and very double, show the most clearly pronounced yellow yet seen amongst Asters. 1s. 6d. per pkt.

Begonia Erfordia—A new hybrid, between *Schmidt* and *Semp.* *Vernon*. The growth and graceful habit are similar to the former, while the colouring of the leaves resembles the latter. The flowers are of a lovely rosy-carmine, in loose clusters, and form a beautiful contrast to the dark foliage; it attains the height of about 12 to 15 inches. It is a splendid bedder, and also a good winter blooming variety. 1s. per pkt.

BEGONIA "FASHION."

Of this loveliest of all colours we had a 100-ft. house, with tubers planted out; these grew most vigorously, and it was, as hundreds said, a sight never to be forgotten. Its colour is of the most intense old gold,

interspersed with amber, and a rosy-bronze shade near the centre, the colour so appreciated by all. Many of the flowers come with scalloped or fimbriated edges, the greater majority are smooth-edged, well-formed flowers. New colour not possessed by any other flower, more lovely than the *Eschscholtzia*, when seen in brilliant sunlight. Seed, 2s. 6d. and 5s. per packet; Tubers, 2s. 6d. each, 25s. per dozen.

CARNATION, PERPETUAL FLOWERING.

Dianthus Caryophyllus Semperflorens fl. pl. ("Thérèse Franco")—Plant robust, compact and dwarf; the flowers are upright, perfectly double, very odoriferous, and unique in colour—beautiful rose-satin, shaded silver, and flushed with salmon, occasionally striped and marked with pure white. The second buds fill out as large as the first, and the calyx never bursts. The great advantage of this Carnation is its admirable and abundant blooming qualities during the winter under frames or greenhouse. Can be highly recommended for cut flowers, and is destined to take a foremost place in all collections. Per pkt., 1s. 6d.

Campanula Specularioides—A charming dwarf new species, of uniform compact growth, only 4 inches in height. Flowers upright, well shaped, of unusual large size, and of a beautiful blue with white throat; useful for carpet bedding. Per pkt., 1s. 6d.

Cannell & Sons' Complete Seed Guide.



ALL FOR SEED.

A VIEW OF OUR CALCEOLARIA HOUSE, 100 FT. LONG.

There being so many lovely dark self shades they do not show up so conspicuously as they otherwise would do with a greater admixture of ordinary light colours. Per pkt., 1s. 6d., 2s. 6d., 3s. 6d.

From a Photograph.

Cannell & Sons' Complete Seed Guide.



BEGONIA, CANNELLS' "FASHION."

Cineraria hybrida nana grandiflora atrosanguinea

—The large and well-formed flowers of this new variety are of a very brilliant dark blood-red colour; very compact and dwarf in growth.



CHAMÆPEUCE AFRA.

Chamæpeuce Afra—A splendid biennial from Armenia; it forms large rosettes of 30 to 40 prickly leaves of a dark green colour, veined beautifully with ivory-white. The flower stems are from 2½ to 3 feet high, and well set with smaller leaves on the whole length; light purple flower heads in abundance; a stately ornamental foliaged plant. Per pkt., 1s. 6d.

Chrysanthemum, Japanese Early-Flowering Dwarf Varieties—This will be found a useful strain, growing only 1½ to 2 feet in height, and yielding during August and September an abundance of large flowers, and comprising the various colours and forms belonging to this section. The seed should be sown in February or March, and as soon as large enough to be handled pricked out into boxes or small pots, they will then flower the first year. Per pkt., 1s.



CHRYSANTHEMUMS, EARLY-FLOWERING JAPANESE.

Clematis Stanleyi—This remarkable species has been sent from the Transvaal, though shrubby in its native habitat in this country it proves to be herbaceous. The flowers vary in size, and are produced on drooping foot-stalks. Mr. W. Watson, of Kew, describing the plant in the "Garden," states, that he has seen six good flowers open together upon the same branch, each flower remaining fresh for about a fortnight. Their colour varies considerably from rich puce to rose and almost pure white, the beauty of the flower being much enhanced by the central mass of yellow stamens. They are followed by fruit terminating in long silvery, feathery awns, described as being as elegant as a bunch of Ostrich Plumes. When cultivated in the open ground, it will probably need some protection in Winter, such as bracken or beather. It will also probably succeed in pots of suitable size. Per pkt., 1s. and 1s. 6d.

Cockscomb, Vesuvius (*Celosia cristata nana*)—A very effective dwarf variety, producing large perfectly shaped heads of a fiery-red colour on a golden-yellow ground; most useful for pot culture. Per pkt., 1s. 6d.

Dahlia, Cactus-shaped Single—This new type has already among its admirers many of the leading horticultural authorities of the day. Their characteristic is the twisted or fluted petals, similar to those of the Double Cactus kinds. They are of graceful appearance, and the range of colour is quite as rich and varied. Per pkt., 1s. 6d.

We distributed last year a beautiful variety named *Marguerite*, and belonging to the above class, the flowers being pure white, with a slight yellowish tinge at base of florets; very useful for decorative purposes. We can supply young plants of this in May. 1s. 6d. each.

Dahlia, Fancy Single—Saved from a collection containing the most regular markings and distinct colours; generally white and yellow flowers, edged with nearly all colours peculiar to Dahlias. Per pkt., 2d.

Cannell & Sons' Complete Seed Guide.



SINGLE CACTUS-SHAPED DAHLIA.



DAHLIA, FANCY SINGLE.

Datura Cornucopia ("Horn of Plenty")—Introduced from the wilds of South America. The plant is of robust habit, and the leaves are large of a dark green colour. The flowers are trumpet shaped, measuring 8 to 10 inches in length and 5 to 7 inches across the mouth, and form three distinct flowers growing each within the other; the throat and mouth of corolla a most delicate French white, beautifully contrasted, and marbled with royal-purple on the outside; flowers are produced freely, followed by a large thorny seed-vessel, which adds to the beauty of the plant. It is of easy culture, and can be grown either in pots or planted out at the end of May in a sheltered position and rich soil. We had several plants of it growing in our Nursery during the last Summer and was much admired. Per pkt., 1s. 6d.

Delphinium Armeniacum—A new and rare Asiatic species with brilliant blue flowers. It resembles in growth the *Rocket Larkspur* (*Delph Ajacis*), but is more compact, and produces a greater abundance of bloom. Per pkt., 1s. 6d.



ESCHSCHOLTZIA MARITIMA

Eschscholtzia Maritima—This new Californian Poppy distinguishes itself essentially from the well-known *Californica* by its whitish-grey foliage and lighter coloured flowers. The latter are of a bright light yellow, with deep orange, and very distinct spots at the base of petals. Per pkt., 1s.

Gazania Nivea—A species from Natal, growing at an elevation of about 6,000 feet. The leaves, generally 1 foot long, are narrow lineate, downy underneath, with broad ribs, which are white above and green below; flowers nearly two inches across, and are pure white; very free flowering. Per pkt., 1s.

Gerardia Tenuifolia—A beautiful half-hardy Perennial from Mexico. It forms branching erect bushes of 12 to 15 inches in height; narrow lineate foliage. The flowers, 1½ inches long, are of a light violet colour, with a soft lilac throat. When sown early will begin to bloom in July or August; fine plant for pots as well as for outdoor culture. Per pkt., 1s.

Lathyrus Odoratus—See Sweet Pea.

Linaria Hendersoni ericoides—A new and compact variety; glaucous linear foliage, round upright bushes of about 8 to 10 inches in height, bearing numerous spikes of purplish-violet flowers; grown as an Annual it is continually in bloom from July until the Autumn; as a Perennial it is perfectly hardy; valuable for dwarf groups, borders, or pot culture. Per pkt., 1s.

Cannell & Sons' Complete Seed Guide.



VIEW OF OUR CINERARIA HOUSE, 100 FT LONG.

All named varieties for Seeding from.

(From a Photograph.)

Seed, per packet, 1s. 6d., 2s. 6d., and 3s. 6d.

Cannell & Sons' Complete Seed Guide.



GERARDIA TENUIFOLIA.



LOBELIA, BARNARD'S PERPETUAL.

Lobelia, Barnard's Perpetual—Said to be the finest variety yet raised; flowers are of a brilliant ultramarine blue, strikingly ornamented with pure white markings at the base of each of the two lower petals; of compact habit, useful alike for bedding or growing in pots; of a perpetual blooming character. Awarded a Certificate by the Royal Horticultural Society. Per pkt., 1s. 6d.

Lobelia, White Ladie—This new bedding variety is quite distinct and pure white—the result of many years' selection—in form and habit similar to the universal favourite "Blue" Lobelia, of Crystal Palace fame. It is one of the continuous blooming kinds, not intermittent, as is frequently the case with some of the Pumila section; confidently recommended as a novelty of great merit; can be raised true from seed. It is white in seed. Per pkt., 1s. 6d.

Marigold, Dwarf French, Purple and Gold (Legion of Honour)—Grows quite regularly, and only about 1 foot high, and blooming in abundance from July until cut down by the frost. The single flowers are of a lovely golden yellow, with a broad velvety blotch on each

petal; of easy culture, and absolute resistance against dryness and insects; a valuable plant for any place in the garden wherever a decorative effect is required. Per pkt., 1s.



MARIGOLD, DWARF FRENCH, PURPLE AND GOLD.

Myosotis alpestris, "Jewel" White—Extremely large flowering variety of the semi-tall class, with large umbels of the purest white. Per pkt., 1s.

Myosotis dissitiflora, "Perfection"—Beautiful sky-blue flowers of double the size of those of the original species; the finest and best Forget-me-not for cut bloom. Per pkt., 1s.

Nemesia Strumosa Suttoni—This charming plant is one of the most beautiful Annuals introduced into cultivation for some years past. The colour of flowers are variable, being white ochreous, pale yellow, deep yellow, orange scarlet, magenta, earmine, &c. The variation in the colour of the flowers is one of the most interesting features of this plant. The seed should be sown in pans or boxes filled with light soil in March or April, and the plants put outdoors in May, they will come into bloom in June. Per pkt., 1s. 6d.

Petunia grandiflora fl. pl. Aurora—The flowers are of medium size and of a charming delicate rose colour veined with crimson-purple, thus making a very attractive combination. Per pkt., 1s. 6d.

Petunia "Giants of California"—A new strain. Most of the flowers are exquisitely fringed on the edges and are very large, often measuring 5 inches across. Some of the colours are rich and gorgeous, and others of lovely delicate shades; some have charming deep throats of yellow, white, black, green, or maroon, combinations quite new in Petunias; the flowers, moreover, are of great substance and very deep throated. A strain of incomparable beauty and luxuriance, and also remarkable in many respects. Per packet of the best varieties, mixed, 1s.

We can also supply the named hybrids of especial merit—*Aurora*, *Midnight*, and *Snowstorm*. 1s. 6d. per pkt. each.

Poppy, Grand New Double American Flag—A most beautiful double peony-flowered variety of robust growth, about 2 ft. high, bushy, and bearing freely large flowers 3 to 4 inches across; very double and charmingly coloured, pure white ground margined dark orange-scarlet. Unlike most Poppies with two colours, one of which is obscure, in this variety the ground colour is plainly displayed, making an unusually effective combination. Per pkt., 6d.

Cannell & Sons' Complete Seed Guide.

CANNELLS' PRIMULAS.

A New and Novel Departure.



THE LADY.

Respecting the above New Primula, it is quite a departure. No doubt many will express their astonishment that after having devoted so much time and attention to perfecting the form and size of this useful class of plant, we should suddenly revert back, as it were, to the wild and original species—true, but it is no more astonishing than the new Single Roses that have so many admirers, and again the Single Cactus Dahlias, which owing to their light and graceful forms adapt themselves for general decorative purposes, where double, large, well-formed, and heavy-looking flowers would be utterly unsuited.

This new variety is the *beau idéal* of gracefulness and elegance. The accompanying illustrations unfortunately do not fully convey its actual beauty—in fact, we doubt if it is possible to do so—it has an attraction peculiar to itself, and however much a person may be prejudiced against it at first sight, it ultimately claims their admiration. We have had several laugh at it when seeing it for the first time, but they have invariably asked to view it again before leaving our Nursery.

It has beautiful dark foliage and stems—when in a young state the leaves are almost a purplish-black colour—the foliage and stems being a most effective contrast to its pure white flowers and bright yellow centre. When in a group of half-a-dozen or more plants it has a most fascinating appearance on the dinner table as a pot-plant it is perfection, and when in a cut state, intermixed with a few fern fronds, it is the very thing required for table decoration; by occasionally changing the water it will be found to keep fresh and effective for a fortnight or more; the flowers do not drop so quickly as in other varieties of the Chinese Primula. Per pkt., 2s. 6d. and 3s. 6d.; smaller pkts., 1s. 6d.

Cannell & Sons' Complete Seed Guide.



PRIMULA SINENSIS FIMBRIATA, EYNSFORD WHITE.

We have had the honour and pleasure of introducing a goodly number of really beautiful Primulas during the past fifteen years, which can readily be confirmed on searching through the reports of the leading gardening papers throughout the world.

During the year of 1893 we were in competition with all the best strains in commerce at the Chicago Exhibition, in which 400 packets of seed were sown, having been sent by no less than sixteen competitors, and from reports we have received, both private and public, we are proud to state that our varieties were decidedly the most admired and prominent amongst such a multitude. See *Testimonials in Primulas*, page 103. Our renowned varieties *Cannells' Pink*, *Improvement*, *Lilacina*, *Swanley Blue*, *Swanley Giant*, *Swanley Purple*, and *White Perfection* were amongst the most attractive.

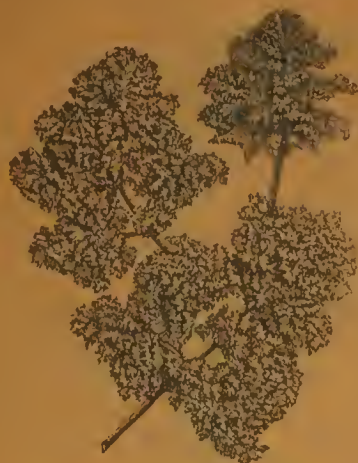
Cannells' Eynsford White--Of the purest white, and highest quality flower; so overlapping are the petals that it resembles the outline of an immense double. Its fimbriation is not approached by any other kind; habit good, and very free. Per pkt., 2s. 6d.



NEW PRIMULA, CANNELLS' WHITE.

Cannells' White—A decided improvement, and will undoubtedly commend itself as a first-class variety both for general purposes and exhibitions; it is of vigorous dwarf growth, and producing bold trusses of pure white flowers of great substance and size. Per pkt., 2s. 6d.

Cannell & Sons' Complete Seed Guide.



PYRETHRUM AUREUM CRISTATUM.

Pyrethrum Aureum Cristatum (Hurst) A beautiful curled-leaved form of the ordinary *Golden Feather*, and in colour equal to the best type of the original from which it has sported, whilst the leaves have the crisp appearance of the most exquisitely curled Parsley. Habit is extremely dwarf and compact, rendering it well adapted for carpet bedding, edgings, and similar purposes, it is, however, as might be expected from its dwarf habit and good colour, a shy seeder, as is the case with all the extra good strains of *Golden Feather*. Per pkt., 1s. 6d.

Pyrethrum parthenifolium aureum crispum—The leaves are of a bright golden-yellow colour, and similar in form to the well-known *Golden Feather*, but distinguished from it, being beautifully curled and crisped. The plants are of strong, but dwarf, compact habit. It cannot fail to speedily find its way into every garden. *THE GARDENER'S CHRONICLE* states:—"It is striking in appearance, and no doubt many who are eagerly on the look-out for novelties for bedding will give it a trial." Per pkt., 1s.

Ricinus zanzibariensis—The following varieties of *Castor-Oil-Bean*, or *Palmu Christi*, received from East Africa, represent an entirely new and distinct class. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves, which surpassed in size and beauty all the species and varieties known hitherto. The seeds also are very distinct, large, and of new and exquisite tints. The variety named above produces light green leaves of 2 to 2½ feet across, with whitish ribs, and may in its general appearance be compared to a luxuriantly growing giant *Aralia Sieboldi*. Stem, branches, and the fruit are also of a light green colour. Seeds beautifully speckled carmine on delicate pink ground. Ornamental foliaged plants, of great effect for large groups or single specimens. Per pkt., 1s.

Ricinus zanzibariensis maculatus.—Equally handsome, and of the same large dimensions as the preceding variety, but differing by the colouring of the leaves, which are coppery-bronze, when in a young state, changing afterwards to a dark green with reddish ribs; stem and branches coppery-brown; seeds white, blotched brown. Per pkt., 1s.

Ricinus zanzibariensis cinerascens—Very large leaves of a brownish purple, changing into dark green with lighter ribs; stem reddish brown; seeds grey, speckled blackish brown. Per pkt., 1s.

Ricinus zanzibariensis niger—Foliage bronze, passing into dark green, with reddish ribs; stem light brown with a glaucous hue; seeds black. Per pkt., 1s.

Ricinus zanzibariensis mixed—The above four varieties equally mixed. Per pkt., 1s.



RICINUS ZANZIBARIENSIS.



ROSA (POLYANTHA) MULTIFLORA.

Rosa (Polyantha) Multiflora—Dwarf perpetual Rose, double mixed. A novelty amongst roses from the fact of its flowering the first year from seed, which if sown in February, planted out in April, will bloom from June throughout the summer and autumn. It grows about 1 foot high, and produces its semi-double flowers in graceful clusters and of various shades of colour. Per pkt. 1s.

Cannell & Sons' Complete Seed Guide.



A VIEW OF OUR GLOXINIA HOUSE, 100 FT LONG.

(From a Photograph.)

Seed, per pkt., 1s. 6d., 2s. 6d., and 3s. 6d.

Our Exhibit at the Great Temple Show was acknowledged to be the best ever seen in London.

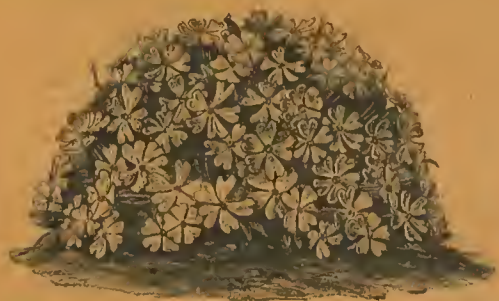
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SAINTPAULIA IONANTHA.

Saintpaulia ionantha—One of the most charming stove plants introduced of late years. It belongs to the family of the Gesneriaceae, and was found on the Usambara Mountains in East Africa by Mr. Saintpaul-Iliaire. The tiny plants form a flat rosette of deep green hairy leaves, which are similar in form to those of the Gloxinia, but smaller in all parts, and most reddish brown underneath. The flower stems, 2 to 4 inches in length, are crowned by beautiful deep blue flowers, bearing a close resemblance in form, as well as in colour, to those of the sweet-scented violet; stamens deep golden-yellow. A well-established plant, will bloom continually throughout the year. The seed is extremely fine and requires similar treatment to that of the Streptocarpus. It is readily propagated by division of the leaves, but does not form a bulb, the roots being of a fibrous character. Per pkt., 2s.

Sesbania Grandiflora—The gigantic and magnificent white flowers of this attractive plant are produced in racemes, it belongs to the Leguminosae, and is one of the largest flowering species known, each raceme has usually four of its immense flowers, which individually are about 3 inches long, the standard being ovate, wings long, and the calyx about three-quarters of an inch in depth. Introduced from West Australia, and is therefore well adapted for greenhouse or conservatory decoration. The plant has elegantly pinnate leaves. Per pkt., 2s. 6d.



SILENE, AMALIA.

Silene pendula nana compacta, Amalia—A regular, compact, semi-globular formed variety, 4 to 6 inches high, which is, during the time of flowering, densely covered with soft rose-coloured flowers in such a number that hardly the leaves are to be seen. Admirably suited for spring gardening, and very useful for beds or borders. Per pkt., 1s.

Stock, Princess May—Large-flowering pyramidal ten-week, originating from one of the finest types; very large flowers of good shape, and of the purest and most delicate light primrose. The percentage of double flowers is far above the average, and the few singles being of the same tint as the double ones (which in other varieties are most white) are barely noticeable. The bold foliage is glossy green, wallflower-leaved, and shows off the delicate hue of the flowers to the best advantage. Per pkt., 1s. 6d.



SUNFLOWER, MILFLOWERED.

Sunflower, Lorenz's Milflowered—If planted singly in good soil this new variety reaches the enormous height of 12 to 15 feet, and is thickly branched from the base to the top, each branch bearing a multitude of medium-sized, golden-yellow flowers, with small black centre. The best place for this is to be planted singly on lawns, and for filling up vacant spaces in the garden no better material can be found. Per pkt., 1s.

Stock, Carters' Giant Winter Blooming—A white winter-flowering variety, which has always been in the forefront in Covent Garden Market. It matures with greater certainty, and in finer form than any other grown. Its spikes, both central and lateral, surpass all competitors. It has come with the grower 90 per cent., double, and its pure white flowers are invaluable from Christmas to Easter. The grower writes of it as follows:—"It is a cross between the ordinary *Intermediate* and *East Lothian White*. If sown in May in a cool frame and pricked off in small pots in a North pit, or outdoors in a shady place, it can be gradually forced into bloom by Christmas, or sown in July it will bloom at Easter if brought into a cool house and kept at 40 to 45 degrees. It does best on a cool bottom, and requires plenty of air. Per pkt., 1s. 6d. and 2s. 6d.

Cannell & Sons' Complete Seed Guide.

NEW SWEET PEAS.

Lathyrus odoratus.

THE QUEEN OF WHITE SWEET PEAS,

"EMILY HENDERSON."

A gloriously beautiful acquisition of American origin. Absolutely pure white, as clear as alabaster and as lustrous as satin. The flowers, of remarkable substance, are borne on long stiff peduncles, are extra large, with broad round standards that stand up boldly without reflex or curl.

The plants are robust, compact, and branching, producing such a prodigal abundance of flowers, that the plants appear as if covered with snow. From one plant, specially cultivated, we have cut in one season the seemingly incredible number of 1,035 sprays of bloom.

In earliness it outrivals all competitors by nearly two weeks, and continues a veritable "cut and come again" to the end of Autumn. The fragrance is most delicious and distinct.

For forcing under glass it is particularly adapted.

Price, per pkt. (about 50 seeds), 6d.; per oz. (about 300 seeds), 2s.



BRONZE KING.

Bronze King—Amongst the numerous new varieties of Sweet Peas introduced of late years there is but the "Orange Prince," which has a slight resemblance in colour to this new variety. While the flowers of the "Orange Prince" are of bright rosy-orange, the standard of our "Bronze King," shows a perfectly distinct coppery bronze, the wings are pure white. Charming variety, reproducing itself true from seed. Per pkt., 1s.

Lady Beaconsfield—Award of Merit. Salmon standards, tinted rose, the wings pale yellow; very distinct and beautiful. In sealed pkts., 2s. 6d.

Lady Penzance—Award of Merit. Pale, but very bright rose, very striking and distinct; a most chaste and lovely flower. In sealed pkts., 2s. 6d.

Ovid—The Standards and wings bright rose-pluk, margined rose; a very pleasing flower, a great gem. In sealed pkts., 2s. 6d.

Peach Blossom—Salmon-pink standards, the wings soft pink very pleasing indeed. In sealed pkts., 2s. 6d.



PRINCESS MAY.

Princess May—First-class Certificate Shrewsbury Floral Fete, August 18th and 19th, 1893. A most beautiful and distinct new variety, of which the colouring is throughout of a delicate shade of pale heliotrope or lavender, appearing in the bud state of rather a darker tint than when fully expanded. A most pleasing colour, and quite in accordance with modern and fashionable tastes. Probably not since the introduction of *Princess Beatrice* Sweet Pea has there been raised a variety so distinct and effective in its colouring, and will doubtless be equally as much sought after and grown as that now popular variety. The flowers are large, and the wings and standard well expanded. The gardening Press have unanimously spoken in high terms of this pretty and distinct novelty. Per pkt., 1s. 6d.



EMILY HENDERSON.

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SWEET WILLIAM, MAMMOTH HOLBORN GLORY

Royal Robe—Delicate pink standards, the wings soft blush pink; a lovely flower, an exquisite variety. In sealed pkt., 2s. 6d.

Stanley—Award of Merit. Deep maroon self, large, very handsome, distinct; beautiful flower of the finest form and substance, a great advance. In sealed pkt., 2s. 6d.

Sweet William—Mammoth Holborn Glory—The illustration is no exaggeration, as many individual flowers have been measured, and which more than covered a penny piece. It is unapproached by any stock in cultivation for show, exhibition, or staging purposes. No collection of biennials, perennials, or herbaceous plants should be without it. It is perfectly established in character, and the most perfect formed and largely developed flower of Sweet William in existence. Per pkt., 1s. 6d.

Tagetes patula nana fl. pl. Liliput—Of very dwarf growth, attaining but from 4 to 5 inches high, and being completely covered with small very double flowers; of a bright brown colour, edged golden yellow, useful for edgings and masses. Per pkt., 1s.

Torenia Fournieri Grandiflora Cœlestina—Very attractive, a beautifully tinted variety of this lovely annual; flowers white, with light azure blue spots. To be recommended for pot culture. Per pkt., 1s. 6d.

Verbascum Wiedemannianum—A magnificent species from Kurdistan, in Asia Minor. It is a very fine flowering plant, growing more compact than *V. phaniceum*, producing many side branches on the flower stems covered with blossoms of a pleasing indigo-blue changing to lilac-purple. Valuable addition to the collection of free flowering perennials. Per pkt., 1s.



ZINNIA LILLIPUT.



Zinnia elegans fl. pl. Crispa. The Curled and Crested Zinnias—These unique and charming kinds originated in America, and represent quite a new strain. The flowers are of perfect form, large and double, the petals being twisted, curled, and crested into the most fantastic contortions and graceful forms, rendering them entirely free from the stiffness which is characteristic of this family. Their ease of culture, and their early and long continued bloom, will render them popular garden favourites wherever tried. Per pkt., 6d.

Zinnia Lilliput, Double-flowered—A very dwarf and improved form of this interesting class of Zinnias. Per pkt., 1s.

Zinnia, Dwarf Double Striped—The seed will produce 60 to 65 per cent. of very fine striped or Zebra-marked flowers, whose range of colour includes a great variety of very effective shades. Per pkt., 1s.



Cannell & Sons' Complete Seed Guide.



GARDEN ANNUALS

These are all beautiful, and some lovely. Many who buy and sow them never see their full beauty. Why? Simply because they have never had the following secrets of sowing and growing put plainly before them for their guidance.

First.—The situation must be open, free from shade, roots of trees and shrubs, &c., &c. It is astonishing how thick and far these roots extend, taking every bit of moisture and goodness out of the ground; the soil should be dug deeply, and if very poor, moderately manured; this done, it is no matter whether the seed is sown by making an indentation in the soil half-an-inch deep with the edge of a bit of wood, or rim of a pot, or any other contrivance. The seed must be covered with fine soil—the smaller the seed the finer and thinner the soil. Usually they come up like mustard and cress, and the thick green growth looks nice and cheerful. Now, the most remarkable part of the business for amateurs to understand—and understand they must—is to have nerve enough to pull nearly all of them up, almost in the same way as picking the feathers off fowls. The stumps, as it were, are almost enough to produce a crop, but more would be got out of the quarter left than if they were originally untouched. Such is a fact! We have only to look at the seed bed of Wallflowers, Sweet Williams, Cabbage, and Brussels Sprouts, and ask ourselves the question, and the secret presents itself plainly. Nearly all the annuals are better for being thinned or transplanted, if done at the proper time and in favourable weather; but to get at the exact distances, you really want to know to what size the plant attains when flowering. For instance, Virginia Stock, Nemophila, and such like varieties, 1 to 2 inches apart; Mignonette, Dianthus, Candytuft, 5 inches; Canterbury Bells and Marigolds, 1 foot; and so ascertain the size generally attained of any plants, and leave room accordingly; and it will be surprising how well you will succeed by letting them have sufficient room to develop their proper individual proportions, if not they are poor and puny, and in and out of bloom in short time. Thus it is spoken of the plants, and the seedsman who supplied them.

Cannell & Sons' Complete Seed Guide.

CANNELLS' COMPLETE COLLECTIONS.

HALF-PACKETS

AT

HALF PRICE

OF ALL

Flower Seeds

Where priced 1/- and upwards,

EXCEPT

COLLECTIONS AND NOVELTIES.

For Penny Packets, see page 116.

The following Collections, consisting of Selections from our Eynsford Seed Grounds of the choicest and most universal favourites of the garden that have been awarded numerous first prizes, we are sure will give every satisfaction:—

Collections to the value of 31s. 6d. and 42s. also supplied.

No. 1, Price 21s., contains

(POST FREE)

- 1 Collection of 12 Varieties of Pæony-flowered Aster
- 1 " 6 " Bettridge's Globe Quilled Aster
- 1 " 12 " Large Flowering German Ten-week Stock
- 1 " 6 " Brompton Stock
- 1 " 8 " Double Zinnia
- 1 " 6 " Phlox Drummond
- 12 Varieties of Showy Hardy Annuals
- 6 " Popular Hardy Perennials
- 6 " Half-hardy and Tender Annuals
- 3 " Ornamental Grasses for Winter Bouquets and Table Decoration
- 3 " Everlasting Flowers
- 1 oz. Sweet Peas, finest mixed
- 1 " Mignonette, Sweet Scented
- 1 " Nasturtiums, Dwarf, mixed
- 1 Packet choice Petunia
- 6 Selected Varieties of Greenhouse Plants, including Calceolaria, Primula, Begonia, Cineraria
- 1 Packet of Balsam, Cannells' Perfection
- 1 " Sunflower, Single, mixed
- 1 " Verbena

No. 2, Price 10s. 6d., contains

(POST FREE)

- 1 Collection of 6 Varieties of Pæony-flowered Aster
- 1 " 6 " Large Flowering German Ten-week Stock



- 6 Varieties of Half-hardy and Tender Annuals
- 6 " Hardy Perennials
- 12 " the best and most showy Hardy Annuals
- 3 " Everlasting Flowers
- 3 " Ornamental Grasses for Winter Bouquets
- 1 Packet of Double Zinnias, mixed
- 1 " Petunia, choice, mixed
- 1 " Balsam, Cannells' Perfection
- 1 " Sunflower, Single, mixed
- 1 " Verbena
- 1 oz. Sweet Peas, finest mixed
- 1 " Mignonette, Sweet Scented

No. 3, Price 7s. 6d., contains

(POST FREE)

- 10 Varieties of Showy Hardy Annuals
- 6 " Half-hardy and Tender Annuals
- 6 " Hardy Perennials
- 1 Packet of Pæony-flowered Aster
- 1 " German Ten-week Stocks
- 1 " Double Zinnia, mixed
- 1 " choice Petunias
- 1 " Mignonette, Sweet Scented
- 1 " Balsam, Cannells' Perfection
- 1 " Sweet Peas, finest mixed
- 1 " Everlasting-Flowers, mixed
- 1 " Ornamental Grasses, mixed
- 1 " Sunflowers, Single, mixed

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No. 4, Price 5s., contains

(POST FREE)

6	Varieties of Showy Hardy Annuals
3	Half-hardy and Tender Annuals
3	Hardy Perennials
1	Packet of Double Zinnias, mixed
1	Truffaut's French Asters
1	German Ten-week Stocks
1	Balsam, Cannells' Perfection
1	Mignonette, Sweet Scented
1	Sweet Peas, finest mixed
1	Ornamental Grasses, mixed
1	Everlasting Flowers, mixed
1	Sunflowers, Single, mixed

No. 5, Price 3s. 6d., contains

(POST FREE)

18 Packets of the most useful Annuals for cutting.

No. 6, Price 2s. 6d., contains

(POST FREE)

3	Varieties of Showy Hardy Annuals
3	Half-hardy Annuals
1	Packet of Balsam, Cannells' Perfection
1	Best Quilled Aster
1	German Ten-week Stocks
1	Everlasting Flowers
1	Ornamental Grasses
1	Sweet Peas
1	Mignonette
1	Sunflowers

No. 7, Price 1s., contains

(POST FREE)

12 Packets of the most Showy Hardy Annuals for an Amateur's Garden. Cheaper by the dozen or gross.

CANNELLS' COLLECTIONS OF THE BEST ASTERS IN DISTINCT COLOURS.

For full description of the various varieties, see page 57.

DWARF BOUQUET.

12	distinct colours, separate	...	...	...	...	2s. 6d.
6	"	"	"	"	"	1s. 6d.

NEWEST IMPROVED PÆONY PERFECTION.

12	distinct colours, separate	2s. 6d.
6	"	"	"	"	"	1s. 6d.

WASHINGTON.

6	distinct colours, separate	2s. 0d.
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IMBRICATED POMPON.

12	distinct colours, separate	2s. 6d.
6	"	"	"	"	"	1s. 6d.

GIANT EMPEROR.

6	distinct colours, separate	2s. 0d.
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VICTORIA.

12	distinct colours, separate	2s. 6d.
6	"	"	"	"	"	1s. 6d.

ENGLISH QUILLED, OR GLOBE.

12	distinct colours, separate	2s. 6d.
6	"	"	"	"	"	1s. 6d.

DWARF SHAKESPEARE.

6	distinct colours, separate	2s. 0d.
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DWARF CHRYSANTHEMUM, FLOWERED.

12	distinct colours, separate	2s. 6d.
6	"	"	"	"	"	1s. 6d.

COCARDEAU or CROWN (white centre).

6	distinct colours, separate	1s. 6d.
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CANNELLS' COLLECTIONS OF THE BEST STOCKS IN DISTINCT COLOURS.

LARGE FLOWERING GERMAN TEN-WEEK STOCK.

12	distinct colours, separate	3s. 0d.
6	"	"	"	"	"	1s. 6d.

WINTER INTERMEDIATE.

6	distinct colours, separate	1s. 6d.
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EAST LOTHIAN INTERMEDIATE.

4	distinct colours, separate	2s. 0d.
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GERMAN EMPEROR.

12	distinct colours, separate	3s. 0d.
6	"	"	"	"	"	1s. 6d.

BROMPTON STOCK.

12	distinct colours, separate	3s. 0d.
6	"	"	"	"	"	1s. 6d.

Cannell & Sons' Complete Seed Guide.

MISCELLANEOUS COLLECTIONS.

	s. d.		s. d.
Antirrhinum, 8 choice varieties, separate ...	2 0	Phlox Drummondii, 12 varieties, separate ...	3 0
Balsam, Camellia Flowered, 12 varieties, separate ...	3 0	Phlox Drummondii, 8 varieties, separate ...	2 6
" " " 6 " " ...	1 6	Picotee, 12 choice varieties, separate ...	3 6
Carnation, Fancy, 12 varieties, separate ...	3 0	" " " 6 " " ...	2 0
" " " 6 " " ...	1 6	Pea, Sweet, 7 fine varieties, separate ...	1 6
Carnation, self colours, 12 varieties, separate ...	3 0	Portulaca Grandiflora Fl. Pl., 6 varieties, separate ...	1 6
" " " 6 " " ...	1 6	Salpiglossis, 6 large flowering varieties, separate ...	1 3
Cockscomb, Dwarf, 12 varieties, separate ...	2 6	Scabious, Dwarf, Double, 6 varieties, separate ...	1 3
" " " 6 " " ...	1 6	Tropæolum Lobbianum, 6 varieties, separate ...	1 3
Convolvulus, Major, 6 varieties, separate ...	1 6	Wallflower, Double German, 12 varieties, separate ...	3 6
Helichrysum Monstrosum, 6 varieties, separate ...	1 6	" " " 6 " " ...	2 0
Hollyhock, Chater's, 6 varieties, separate ...	3 0	Zinnia Elegans, Double, 8 varieties, separate ...	2 0
Larkspur, Hyacinth Flowered, 6 varieties, separate ...	1 6	" " " Single, 6 " " ...	1 6
" Giant Rocket, 6 varieties, separate ...	1 6	Everlasting Flowers, 12 varieties, separate ...	2 0
Pansy, 12 choice varieties, separate ...	2 6	" " " 6 " " ...	1 0
" 6 " " " " ...	1 6	Ornamental Grasses, 12 varieties, separate ...	2 6
		" " " 6 " " ...	1 6

SHOWY FLOWER SEEDS BY WEIGHT.

For the embellishment of the Garden, in large masses, Open Spaces, Bare Banks, Rockeries, and Edgings.

The following, grown by us in large quantities, enables us to supply them by weight, but of not less than half an ounce of each kind at the prices quoted.

	Per Ounce.—s. d.		Per Ounce.—s. d.
Alyssum, Sweet ...	1 0	Lupinus Nanus ...	0 9
Antirrhinum, mixed; our own choice strain ...	2 0	" Mixed, Annual ...	0 9
Aquilegia, finest, mixed ...	1 6	" " Perennial ...	1 0
Arabis Alpina ...	4 6	Mignonette, Sweet Scented ...	0 9
Calliopsis, Coronata ...	1 0	Nasturtium, Tall, mixed ...	0 6
Candytuft, White Rocket ...	1 0	" Tom Thumb, Scarlet ...	1 0
" crimson ...	1 0	" " Pearl ...	1 0
" mixed ...	0 9	" " Crystal Palace Gem ...	1 0
Canterbury Bells, mixed ...	2 0	" " Beauty ...	1 0
Clarkia, mixed ...	0 9	" " Spotted ...	1 6
Collinsia Bicolor ...	0 6	" " King ...	1 0
" " Alba ...	0 9	" Dwarf, mixed ...	0 9
Convolvulus, Minor, blue ...	0 6	Nemophila Insignis, blue ...	0 6
" Major, mixed ...	0 10	" Maculata ...	0 6
Corn Flower (Centaurea Cyanus Minor), blue ...	0 9	Phlox Drummondii, best mixed ...	3 6
Dianthus Heddwigi ...	2 6	Poppy, fine mixed ...	0 9
Digitalis (Foxglove) ...	1 0	Pyrethrum, Golden Feather ...	4 6
Erysimum Perowskianum ...	0 9	Saponaria Calabrica ...	1 0
Eschscholtzia Crocea ...	0 9	Silene, mixed ...	0 9
Gilia Tricolor ...	0 6	Sunflower, double ...	0 6
Godetia, Lady Albemarle ...	1 6	" single ...	0 6
" The Bride ...	0 9	Sweet Pea (Lathyrus Odoratus), colours mixed ...	0 6
Helichrysum, finest mixed ...	2 0	Sweet William; our own choice strain ...	1 6
Larkspur, Dwarf Rocket, mixed ...	1 6	Tagetes Signata Pumila ...	2 0
Limonanthus Douglasi ...	0 9	Tropæolum Canariense (Canary Creeper) ...	1 6
Linum Grandiflorum Rubrum ...	1 6	Virginian Stock, Red ...	0 9
Lobelia Speciosa (Crystal Palace) ...	5 0	" " White ...	0 9
Love-lies-Bleeding, crimson ...	0 9	Wallflower, dark ...	2 0
		" mixed ...	1 6
		Whitlavia Grandiflora ...	0 9

MIXED ANNUAL FLOWER SEEDS. 3d. PER OZ.

Cannell & Sons' Complete Seed Guide.

MIXED FLOWER SEEDS,

Suitable for Shrubberies, Rockeries, Woodland Walks, Large Banks, &c.

Sow broadcast during March, April, and May, or during August and September for Spring flowering.

			s. d.		s. d.
Tall varieties	...	...	5 0	per lb.	0 6 per oz.
Dwarf "	...	...	5 0	"	0 6 "

Not less than one ounce will be supplied at above prices.

Half-packets at half-price of all Flower Seeds where priced 1s. and upwards, except collections and novelties.

For Penny Packets, see page 116.

GENERAL LIST OF FLOWER SEEDS.

Any Variety not mentioned in this List can be supplied on a few days' notice.

ABBREVIATIONS.

A.C.	Annual Climber.	H.H.A.	Half-hardy Annual.
AP.	Apetalous, without petals.	H.H.	Hardy Herbaceous.
G.A.	Greenhouse Annual.	H.B.	Hardy Biennial.
G.P.	Greenhouse Perennial.	H.H.B.	Half-hardy Biennial.
H.H.SH.	Half-hardy Shrub.	H.P.	Hardy Perennial.
H.A.	Hardy Annual.	H.H.P.	Half-hardy Perennial.

HARDY ANNUALS may be sown from February till the end of September; March, April, and May are the best months for general summer display; June and July for autumn blooming; August and September for spring flowering. Half-hardy Annuals—Sow from the beginning of March to the end of May; place in a frame on a gentle bottom heat. When sowing from the middle of April to the end of May they may be easily raised without artificial heat, and by selecting a warm, sheltered situation, and covering them with a hand-light till they are strong enough to bear transplanting.

BIENNIALS AND PERENNIALS—The most select and tender varieties for summer and autumn blooming may be sown in a gentle heat in March and April, and picked out into pots until fully established, and then potted off singly, or transplanted into the open ground, as required. The hardier varieties may be sown in the open ground, in prepared beds, in June and July, and when strong enough, transplanted to where they are intended to bloom the following year.

HERBACEOUS PLANTS are those Perennials which lose their stems annually, whilst the roots continue alive in the ground.

H.H.A. *Abronia Umbellata* (*Nyctaginaceæ*)—Delicate rose colour; a beautiful dwarf trailer. 3d. per pkt.

H.H.SH. *Abutilon* (*Malvaceæ*)—Saved from ours, the finest collection of hybrids ever brought together, containing the most beautiful and varied colours. Very showy, decorative, and free-growing shrubs, both for the greenhouse and outside culture during the summer and autumn. 3 to 6 ft. high. 1s. per pkt.

H.H.SH. *Acacia* (*Albizzia*) *Lophantha* (*Leguminosæ*)—A fine, fern-like foliage plant for greenhouse or window decoration. 6 ft. 3d. pkt.

H.H.SH. *Acacia*—Choice, mixed, decorative plants, with pretty foliage. 6d. per pkt.

H.P. *Acanthus Mollis Latifolius* (*Acanthaceæ*)—Large, handsome foliage. 3 ft. 6d. per pkt.

H.H.A. **Acroclinium Grandiflorum Atroroseum* (*Compositæ*), Everlasting—Very large flowered; dark. 1 to 2 ft. 3d. per pkt.

H.H.A. **Acroclinium Album*—White flowered; very beautiful. 1½ ft. 3d. per pkt.

H.H.A. **Acroclinium Roseum Flore Pleno*—The densely double flowers are faultless both in shape and colour. On first unfolding, the flowers show a charming rosy hue, fading to a delicate pink at a later stage. A great advantage lies in the flowers having less tendency to close in damp weather than the single kind. 1½ ft. 6d. per pkt.

* Flowers of these should be gathered before they are fully opened, so as to secure a bright centre when dried.

H.A. *Adonis Æstivalis* (*Ranunculaceæ*), *Flos Adonis*—Has bright crimson flowers protruding from finely cut dark green foliage. 1 ft. 3d. per pkt.

H.A. *Adonis Autumnalis* (*Pheasant's Eye*)—Crimson; flowers in autumn. 1 ft. 3d. per pkt.

H.P. *Adonis Vernalis*—Flowers 2 in. across, of a bright yellow colour; charming for flower-border and rockery decoration in spring. ¾ ft. 3d. per pkt.



ABUTILON



ACROCLINIUM GRANDIFLORUM ATROROSEUM.

Cannell & Sons' Complete Seed Guide.



ACROCLINIUM ROSEUM FLORE PLENO



ADONIS VERNALIS.

H.H.A. *Ageratum* (*Compositae*). "Cannells' Dwarf"—The best of all the dwarf blues. $\frac{1}{2}$ ft. 3d. per pkt.

H.H. *Ageratum*, "Swanley Blue"—Dwarf. $\frac{1}{2}$ ft. 3d. per pkt.

H.H.A. *Ageratum*, Imperial Dwarf White— $\frac{1}{2}$ ft. 3d. per pkt.

H.H.A. *Ageratum Mexicanum*—Useful for large beds; blue; $1\frac{1}{2}$ ft. 3d. per pkt.

H.A. *Agrostemma Cœli-Rosa* (*Caryophyllaceae*).—Dwarf, fringed; very pretty. 1 ft. 3d. per pkt.



AGROSTEMMA CŒLI-ROSA.



AMARANTHUS MELANCHOLICUS RUBER.

H.P. *Agrostemma Coronaria* (Rose Campion)—Pretty rose coloured. 2 ft. 3d. per pkt.

H.P. *Agrostemma Coronaria Atrosanguinea*—Flowers large, deep crimson. 2 ft. 3d. per pkt.

Agrostis—See Ornamental Grasses.

H.H.A. *Alonsoa Linifolia* (*Scrophulariaceae*)—Showy flower; bright scarlet. 1 to $1\frac{1}{2}$ ft. 3d. per pkt.

H.H.A. *Alonsoa Albiflora*—White. This will be found useful for pot culture in the conservatory, producing a succession of flowers during the Autumn and Winter. $1\frac{1}{2}$ to 2 ft. 3d. per pkt.

H.H.A. *Alonsoa Warscewiczii*—Bright scarlet flowers, for beds or borders. 2 ft. 3d. per packet.

H.H.P. *Alstrœmeria Aurantiaca*—Golden orange, streaked with red; fine for cutting. $1\frac{1}{2}$ ft. 3d. per pkt.

H.A. *Alyssum Maritimum* (*Cruciferae*). Sweet Alyssum—Flowers white; if sown in clumps it has a very pretty effect. $\frac{3}{4}$ ft. 3d. per pkt.

H.P. *Alyssum Saxatile*—Yellow; suitable for the rockery and early spring gardening. $\frac{3}{4}$ ft. 3d. per pkt.



AMARANTHUS SALICIFOLIUS.

H.A. *Amaranthus Caudatus* (*Amaranthaceae*), Love-lies-Bleeding—Exceedingly graceful, free-flowering, ornamental plant, 2 to 3 ft.; red. 3d. per pkt.

H.A. *Amaranthus Caudatus*—White. 2 ft. 3d. per pkt.

Amaranthus Globe, see *Gomphrena*.

H.H.A. *Amaranthus Tricolor* (Joseph's Coat)—Dwarf, leaves marked with scarlet and rich bronzy purple; beautiful foliage. $1\frac{1}{2}$ ft. 3d. per pkt.

H.H.A. *Amaranthus Melancholicus Ruber*—A compact growing variety, with large shaded crimson leaves; useful for bedding. 1 to $1\frac{1}{2}$ ft. 3d. per pkt.

H.H.A. *Amaranthus*, "Princess of Wales"—One half leaves are intense carmine with olive-green tips, the remainder orange-yellow beautifully veined with pink; splendid plants for table decoration. 3 ft. 1s. per pkt.

H.H.A. *Amaranthus* (Hybrid) "Henderi"—Graceful habit, brilliant colours, gives a striking effect. 2 ft. 1s. per pkt.

H.H.A. *Amaranthus Salicifolius* (The Fountain Plant)—One good plant will repay all trouble. For beds, ribbon borders, or decoration of the conservatory. 3 ft. Sow early in March. 3d. per pkt.

H.H.P. *Ammobium Alatum Grandiflorum* (*Compositae*). Everlasting—Flowers pure white, of a small rosette shape, reminding one of the old *Bachelor's Buttons*. It is of a very easy growth, and of great value for cut flowers all the winter. $1\frac{1}{2}$ to 2 ft. 3d. per pkt.

Cannell & Sons' Complete Seed Guide.



ANCHUSA ITALICA.

H.P. *Anchusa Italica* (*Borraginaceæ*)—Deep blue of easy culture, preferring a sunny situation. 3 to 4 ft. 3d. per packet.

H.P. *Anemone Coronaria* (*Ranunculaceæ*)—Mixed. $\frac{1}{2}$ foot. 3d. per pkt.

H.P. *Anemone Fulgens* (Scarlet Wind Flower)—Graceful habit; flowers beautiful bright scarlet. $\frac{3}{4}$ ft. 1s. per pkt.

Angel's Trumpet—See *Datura*.



Cannells' Antirrhinums.

H.P. *Antirrhinum* (*Scrophulariaceæ*), Snapdragon—Handsone free-flowering border plants, decorative the first season when sown early. These are from our best varieties, and it is impossible to find a more distinct selection. The greater part of them are beautifully striped. 2 ft. 6d. per pkt.

Varieties to colour can be supplied, 3d. to 6d. per pkt.

H.P. *Antirrhinum Tom Thumb*—Perfectly distinct from the above, the flowers are not quite so large, but their dwarf stiff growth and shaly foliage, with masses of blooms, renders them exceedingly attractive. $\frac{1}{2}$ to 1 ft. 6d. per pkt.

CANNELLS' SELECTED COCKSPUR AQUILEGIAS.

H.P. *Aquilegia* (*Ranunculaceæ*)—Finest Hybrids, mixed. 1s. per pkt.

H.P. *Aquilegia Vulgaris*—Mixed (*Colombine*). 3d. per pkt.

H.P. *Aquilegia Skinneri*—Red, with tips of the petals golden yellow; grows 2 to 3 feet high. 1s. per pkt.



AQUILEGIA CHRYSANTHA.

H.P. *Aquilegia Chrysantha*—Beautiful yellow, very useful for cutting. 2 to 3 ft. 1s. per pkt.

H.P. *Aquilegia Coerulea Hybrida*—The flowers are large and well opened, the centre petals clear sulphur-yellow, and the spurs and sepals a charming shade of pale blue; foliage very handsome; it is perfectly hardy, and grows well in almost any soil. 2 ft. 1s. per pkt.



DOUBLE AQUILEGIAS.

H.P. *Aquilegia Californica Hybrida*—Flowers large, the centre petals are yellow, and form a marked contrast to the deep orange red of its sepals and spurs. 2 ft. 1s. per pkt.

H.P. *Aquilegia Glandulosa* (Grigor's Variety)—Tips of petals white, sepals dark blue, large blooms, plant $1\frac{1}{2}$ to 2 feet high; one of the most beautiful of this family. 1s. per pkt.

H.P. *Aquilegia Grandiflora Alba*—Fine pure white flowers; one of the best for cutting. 2 ft. 6d. per pkt.

H.P. *Arabis Alpina* (*Cruciferae*)—A beautiful, hardy, miniature-growing plant, and for permanent edging or spring bedding one of the best plants in cultivation; flowers white. $\frac{1}{2}$ ft. 3d. per pkt.

G.S. *Aralia Sieboldii* (*Araliaceæ*)—Handsone, ornamental foliage plant. 3 to 6 ft. (*New seed ready in April.*) 1s. per pkt.

H.P. *Argemone Grandiflora* (*Papaveraceæ*)—Large, white, daisy-shaped flowers; may be sown in borders in April. 2 ft. 3d. per pkt.

H.A. *Argemone Mexicana* (*Devil's Fig*)—Yellow. 2 ft. 3d. per pkt.

H.H.A. *Arnebia Cornuta*—Rich yellow flowers, with fine large black spots; the latter changes colour, and the whole flower becomes a pure yellow. 2 ft. 1s. per pkt.

H.P. *Asperula Odorata* (*Woodruff*)—White, sweet-scented flowers, dwarf; thrives well in the shade. 3d. per pkt.

H.A. *Asperula Azurea-setosa*—Rosy-blue; a free bloomer. 1 ft. 3d. per pkt.

CANNELLS' ASTERS

(Compositæ).

FOR NOVELTIES SEE COLOURED PAPER.



JEWEL.

COCARDEAU, OR CROWN.

VICTORIA WHITE.

THESE ARE UNIVERSAL FAVOURITES.

Sow Aster seed in February and March in pots, or on a spent hot-bed in drills, 4 inches apart. When the plants are 1 inch high prick out into a cold frame, or under hand-glasses, 3 to 4 inches apart, from whence they can be planted out when 4 inches high. Select showery weather for planting, when the ground is in good working order; plant out in rows 1 foot apart each way. To grow Asters to perfection a rich deep soil is indispensable, and during dry weather they should be watered, and a top-dressing of well-rotted manure applied early in August. Be very particular that they are always thoroughly free from insects when they are planted out, otherwise the leaves will become curled, and vigour and protection lost for the season. If required for exhibition the buds should be thinned, and the plants well watered with liquid manure. During the last fortnight cover with glass.

Ball or Jewel, Purple-violet—Another exceptionally fine colour to this short-petalled class of Peony-flowered Asters which have already attained such great popularity. Per pkt. 1s. 6d.

H.H.A. Cocardeau, or Crown—A very striking and distinct class, each flower having a white centre surrounded by rose, crimson, blue, &c. 1½ ft. Per pkt., mixed, 1s.

H.H.A. Comet Aster—Large and extremely double flowers, similar in shape to the Japanese Chrysanthemum. 1½ ft. Per pkt., mixed, 1s.

Comet, Indigo—Of the richest indigo-blue shade, this will form a welcome addition to the now well-known Comet class. Per pkt., 1s. 6d.

Comet, Peach Blossom—This will be appreciated as a valuable addition in this class. The flowers attain a diameter of 3 to 4 inches, are gracefully arched, and petals slightly twisted, a peculiarity which distinguishes this class, a beautiful and delicate tint; useful for bouquets and other decorative purposes. Per pkt., 1s. 6d.

H.H.A. Comet, White—Of medium height, the flowers are large, pure white; a useful variety for cutting. Per pkt., 1s. 6d.

H.H.A. Dwarf Bouquet—Best of the dwarf Asters, growing about 6 inches; the flowers are all bi-coloured, small, flat-petalled, and very free. Exceedingly pretty, and makes very attractive beds; suitable for pot culture ¾ ft. Mixed. 1s. per pkt.

H.H.A. Emperor, or Giant Aster—Also a very fine class of Pyramidal Asters, bearing large flowers. The flowers frequently measure 4 inches in diameter, much resembling shining satin. 2 ft. Mixed. 1s. 6d. per pkt.

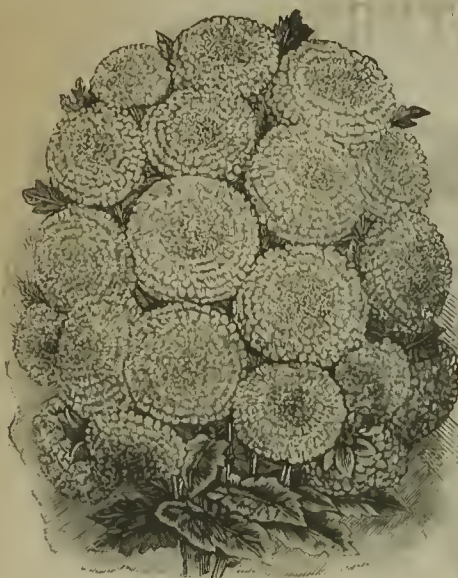
H.H.A. Imbricated Pomponne Aster—The colouring is precisely the same as that of the Dwarf Chrysanthemum and Giant Emperor races. 1½ ft. Fine for bouquets. 1s. per pkt.



COMET ASTER.

H.H.A. Improved Peony Perfection Aster—The flowers combine the enormous size of the Giant Emperor Aster with the greatest perfection in form and doubleness of the Peony class. The plants are of pyramidal growth. The yield of seeds is a very small one. 1½ ft. Mixed colours. 1s. per pkt.

Cannell & Sons' Complete Seed Guide.



DWARF BOUQUET ASTERS.



CANNELLS' VICTORIA ASTER.

Jewel or Ball Aster—(1) Apple-blossom; (2) Deep Rose; (3) Rose with White—Three very handsome varieties of a new and magnificent class of Asters, obtained from the well-known large flowered *Pæony Perfection* tribe. Similar, but somewhat dwarfer in habit than the latter, it distinguishes itself at first sight by its beautiful, shorter-petalled, and perfectly round flowers, which may be compared to the finest varieties of the incurved class of *Chrysanthemum*. The plants attain a height of about 20 to 24 inches; the fully developed flowers, measuring from 2½ to 3 inches across, are as round as a ball, and, being borne on long stalks, they will prove very useful for cutting and bunching. Each colour separate. Per pkt., 1s. 6d.

Mignon, Hortense Red—Of the greatest value for use in the late autumn. A last sowing in June will bring in the flowers of this excellent variety in the months of October and November. Per pkt., 1s. 6d.

H.H.A. Pure White Victoria—All are, we presume, fully aware that the ordinary mixed colours of the *Victoria* variety are the most prized by growers of all the Asters. We need hardly say the value of a bed of pure white of this kind will at once be seen; we have much pleasure in offering this to our customers. 1½ ft. 1s. and 2s. per pkt.

H.H.A. Triumph Aster, Deep Scarlet—The most perfect and beautiful of all Dwarf Asters. It forms an entirely new class, reproducing itself true from seed, attaining a height of but 12 inches. The colour is peculiarly rich and brilliant; when beginning to bloom it is a pure scarlet,



IMPROVED PÆONY PERFECTION ASTER.

but when in full bloom it changes to a magnificent satiny deep scarlet, presenting thns, with these two brilliant colours, a lovely sight. It is well adapted for heds, groups, carpet bedding, or pot culture. Per pkt., 1s. 6d.

H.H.A. Victoria Aster—The finest variety in cultivation, and for exhibition purposes unequalled. Flowers perfectly double, imbricated, globular, and as large as the *Giant Emperor Aster*. Each plant on an average produces from six to eight flowers; habit very robust. Mixed. 1s. per pkt.

H.H.A. Victoria Aster Dwarf—A very dwarf class of the preceding A suitable variety for pots. 1½ ft. Mixed. 1s. per pkt.

Victoria Needle, or Hedgehog—Pure white; a splendid introduction to this class, and will be found of great use. Per pkt., 1s. 6d.

Washington Aster—Extra fine varieties for exhibition. 1½ ft. Mixed. 1s. per pkt.

H.H.A. English Quilled, or Globe.

The guard petals sit regularly round, and are thickly quilled, with very high centres; for size and shape they are superior to those usually seen at exhibitions. It is well known to all lovers of this class that if home-grown it is superior to that imported. Our large Aster bed in September is generally the finest seen in England. 1½ ft. Mixed, 1s. per pkt.

H.H.A. Shakespeare Aster.

Distinct kind, prettiest of all Dwarf Asters, the plants forming a compact bush of 6 to 10 inches in diameter and only 9 inches high, producing extra double well-imbricated flowers. Very valuable for pot culture, edgings, and groups; extremely free blooming, and keeps in flower till the frost sets in. The finest colours mixed, 1s. per pkt.

H.H.A. Queen of the Market Aster, White.

A capital Aster for cutting purposes, blooming quite three weeks earlier than any other kind. 1½ ft. 1s. per pkt.

H.H.A. Humboldt Aster.

A very elegant and large *Pæony* flowering variety of this much-admired section of Asters. They are, by their graceful growth, free blooming, and extremely showy qualities, well adapted for groups. 12 inches high. Mixed, 1s. per pkt.

H.H.A. Dwarf Chrysanthemum-Flowered Aster.

Can scarcely be too highly recommended, dwarf compact growth; large, beautifully shaped flowers, very suitable for bedding, and marginal belts to other tall varieties. 1 ft. Mixed colours, 1s. per pkt.

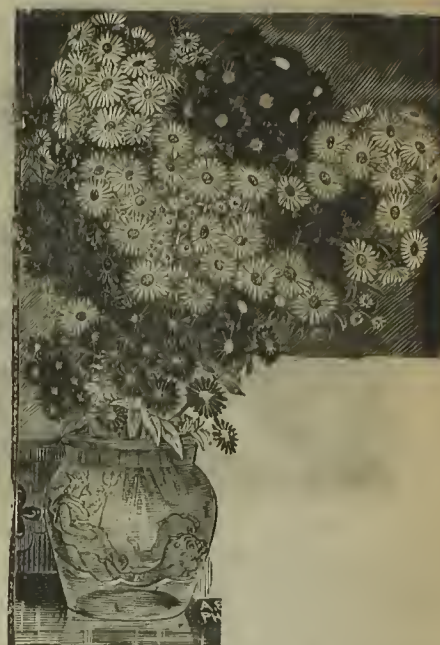
H.P. Aster Perennial (Composite), Michaelmas Daisy—From a splendid collection; sown early they will flower the same year. These are most useful for all kinds of decoration, and are also quite the fashion. From 2 to 6 ft. Sow in heat. Mixed, 1s. per pkt.

For collections of plants of Perennial Aster, see *Floral Guide*.

Cannell & Sons' Complete Seed Guide.



FIELD OF ASTERS.



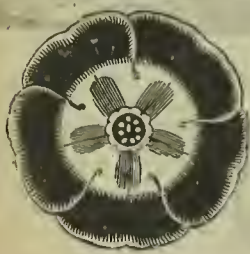
ASTERS (MICHAELMAS DAISIES).



AUBERGINE (EGG PLANT).

H. H. A. Aubergine (EGG PLANT), *Solanum melongena* var. *ovigerum*.

Handsome fruit-bearing annual, fine for table decoration. Sow in heat in March, pot off in rich soil; the chief thing is to keep them thoroughly free from insects. 2 to 3 ft. Mixed, 3d. per pkt.



SEEDLING.



ALPINE.

H. P. Auricula. Handsome favorite hardy perennials.

H. A. *Bartonia Aurea* (*Loasaceae*)—Cup-shape flowers of a bright golden yellow, the centre resembling a bunch of fine yellow silk, foliage blue-green; very pretty. 1 ft. 3d. per pkt.



AURICULA.

Auricula, Cannells' Finest Prize Show Varieties.
 $\frac{1}{2}$ ft. 2s. 6d. per pkt.

Alpine. $\frac{1}{2}$ ft. 1s. per pkt.

Cannell & Sons' Complete Seed Guide.



BEET, ORNAMENTAL FOLIAGE (*Drumma-leaved*).

Beta Chiliensis (*Chenopodiaceae*)—This magnificent variety is admired by all who visit our Nursery. The gorgeous colouring of its broad-stemmed foliage cannot fail to render it a most effective plant either for borders or shrubbery. 3d. per pkt.

Lee's Belvoir Castle—A dwarf compact-growing Beet, with intensely dark purple glossy leaves, the best variety for flower garden decoration; the root also is excellent, being deep red, tender, and of good flavour. 3d. per pkt.

Cannells' Balsams

(*Impatiens Balsamina*
Camelliae flore).

H.H.A. BALSAM, CANNELLS' PERFECTION—Our house of these when in bloom is a grand sight. 2 ft. 1s. per pkt.

H.H.A. Dwarf Camellia-Flowered Balsam—Imbricated double, large flowered. Lilac, rose, vermilion, pale lilac, bright rose; all colours. Mixed. 2 ft. 1s. per pkt.



BALSAM, CANNELLS' PERFECTION.



BALSAM, CANNELLS' PERFECTION

 Come and See. 

Our 100-foot house was the finest sight of Balsams ever seen, and the many visitors to our "Home of Flowers" pronounced them grand, being so very double; but considering the number of plants grown, the crop of seed yielded is very limited.

Sow in March, in pans, and place on a brisk hot-bed. When the young plants are up, pot off into 3-in. pots, shifting into larger size as they appear to require it, 6 and 8-inch pots being sufficiently large for the last shift. The soil best suited is half good strong loam, and half rich rotten manure and leaf mould. A moist and genial atmosphere in a cold frame, expose fully to all the light and air at all favourable opportunities, and as soon as the soil becomes exhausted let them be well supplied with liquid manure twice a week, for it is impossible to grow them good without it.

Cannell & Sons' Complete Seed Guide.

CANNELLS' TUBEROUS BEGONIAS

(*Begoniaceae*).

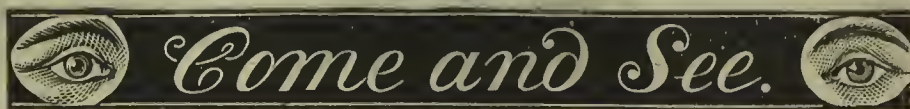
WE WERE AWARDED THE ONLY SILVER CUP EXCLUSIVELY FOR BEGONIAS AT TEMPLE SHOW, 1893.

Our Begonias are lovely indeed. Ten Houses, 100 feet each, filled with the choicest of the choice. Colours so wide, deep, varied, and brilliant together with their short stiff growth and freeness in flowering, shows a marked development and advance on the ordinary strains. Our two acres out of doors, consisting of at least 200,000 plants, were all the season the grandest sight ever seen in this family. Our New Crimson Scarlets are a surprising advance. These, together with all our other trials of all the best flowers and vegetables, is a great horticultural treat, and should be seen by all so as to ensure success for next season.

EXTRACTS FROM GARDENING PAPERS:—

"There are several large houses full of Begonias; indeed, the stock of plants is enormous. The varieties are, moreover, as remarkable for their fine quality as for their number. There are thousands of large, healthy plants of the best type—compact, with large substantial foliage and vigorous stems that carry the flowers well clear of the leaves. Swanley is ahead of the times with Begonias as it is with other things. The best strains producible or procurable are grown there."

"Mr. Cannell's literal home of flowers, where just now, excelling all others, the Begonia presents, not only outdoors but in house after house, a spectacle so beautiful and extensive as to almost take one's breath away and lead to wonder, after the Begonia has satiated us, what other flower can possibly hope to excel or succeed it. Others may, indeed, have grand collections of Begonias, but at least Mr. Cannell has just now one of the finest and most brilliantly beautiful collections, in wondrous variety of colour, both double and single, ever seen."



OUR BEGONIAS.

Frequent trains from London. Entrances from the stations. All lovers of the best Flowers and Vegetables are cordially invited. No horticultural establishment is filled with such an amount of interesting objects as ours at all seasons. SEND FOR A CATALOGUE.

(See Outside of Cover.)



CANNELLS' GRANDIFLORA SINGLE BEGONIAS.

All colours mixed, saved from the newest and best sorts, all one quality; in sealed packets, with full directions. per pkt., 1s., 2s. 6d., 3s. 6d., 5s.

Cannell & Sons' Complete Seed Guide.

Seeds sown 1st February. Plants Photographed early in August.



CANNELLS' DWARF GRANDIFLORA SINGLE STRAIN.

Cannells' Perfect Strain of Begonia Grandiflora, Single—In sealed packets, with full directions for sowing and treatment.

In separate colours, per pkt., 1s., 2s. 6d., 5s., and upwards.

Amber.
Blush-White.
Buff.
Crimson.
Orange.

Orange-Scarlet.
Picotee.
Pink.
Pink and White.
Primrose.

Red.
Salmon.
Scarlet.
White (the purest)
Yellow.

Packets, mixed from the above, all one quality, and saved from the finest varieties in existence, 1s., 2s. 6d., 5s.

Seeds sown 1st February. Plants Photographed early in August.

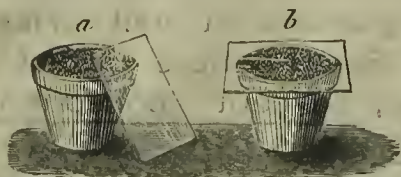


CANNELLS' DWARF GRANDIFLORA DOUBLE STRAIN.

Cannells' Perfect Strain of Begonia Grandiflora, Double—Saved from ours, the finest collection in the world. Awarded Gold and Silver Medals, Gold Clocks, Silver Cups, and innumerable First Prizes throughout the globe. Per pkt., 1s., 2s. 6d., 5s., and upwards, according to quantity required.

Cannell & Sons' Complete Seed Guide.

Full particulars, see New Plants and our General Collection in *Floral Guide*.



Scatter the Seed on a level, moderately-firm surface, cover with glass and paper, keep it in darkness until germinated; sow and place in heat at any time of the year, or as soon as the seed is ripe; pot the young seedlings off as soon as large enough, and re-pot when necessary; in three or four months they begin to display their beautiful blooms. For further particulars see Collection, *Floral Guide*.



BEDDING BEGONIA.

H.P.P. **Bedding Begonia**—Best varieties. Mixed, 1s. and 2s. 6d. per pkt.

H.P.P. **Begonia Metallica**—Splendid sort, with beautiful metallic foliage, and numerous brilliant rose flowers. 3 ft. 2s. per pkt.

H.P.P. **Begonia Davis**—Bluish-green foliage, producing abundant flowers of brilliant scarlet. $\frac{3}{4}$ ft. 2s. 6d. per pkt.

H.P.P. **Begonia Froebeli**—This will be found very distinct, the flowers coming direct from the bulb; bright scarlet. $1\frac{1}{2}$ ft. 1s. 6d. per pkt.

H.P.P. **Begonia Semperflorens Mixed** (winter flowering)—Containing Mr. Iggulden's variety. 1 ft. 1s. per pkt.

H.P.P. **Begonia, Tuberosa Vittata**—Striped flowered. The flowers are flaked and striped after the manner of the Carnation, even in the flower buds. From the seed offered sowers will obtain about 40 per cent. of plants with flowers more or less striped or rayed. Per pkt., 1s. 6d.

Begonia Semperflorens Atropurpurea (Vernon)—Similar in habit to the old and well-known *Begonia Semperflorens*, it surpasses the latter by far by its brilliant orange-carmine flowers, and by its glossy deep brownish-red foliage, the deep red tint growing in intensity as the season advances. The beauty of the male flowers is still enhanced by the bright yellow stamens, which contrast admirably with the brilliant red flowers and the dark metallic leaves. Blooming in the greatest profusion throughout the summer and autumn it cannot be too highly recommended for beds or for pot culture. Per pkt. 1s. 6d.

H.P.P. **Begonia Rex**—Ornamental-leaved varieties saved from the choicest. 1 ft. 2s. 6d. per pkt.

H.P.P. **Begonia Weltoniensis**—One of the perpetual-flowering and evergreen varieties, with small light rose flowers and bright green foliage. $1\frac{1}{2}$ ft. 1s. per pkt.

H.P. **Bellis Perennis fl. pl. (Double Daisy)**.— $\frac{1}{4}$ ft. Mixed, 6d. per pkt.

Bellis Perennis fl. pl. Maxima (Giant Daisy)—Produces beautiful and densely imbricated flowers of an unusual size, measuring from $1\frac{1}{4}$ to 2 inches in diameter, and varying in different red tints. Per pkt., 1s.



BELLIS PERENNIS MAXIMA FL. PL.



BEGONIA SEMPERFLORENS ATROPURPUREA.

H.P. **Bellis Perennis fl. pl. "Longfellow"**—Comes true from seed, producing dark rose flowers of unusual size and doubleness, having flower-stalks of great length and stiffness, thereby rendering the flowers of considerable value for bouquets. $\frac{1}{4}$ ft. 1s. 6d. per pkt.

Blanket Flower, see *Gaillardia*.

Blue Bottle, see *Centaurea cyanus*.

Bouncing Bet, see *Saponaria calabrica*.

H.P.A. **Brachycome, Iberidifolia (Composita)**, Swan River Daisy—One of the prettiest of summer annuals; blue Cineraria-like flowers. 1 ft. 3d. per pkt.

Cannell & Sons' Complete Seed Guide.

H.H.A. **Browallia Elata Grandiflora** (*Scrophulariaceæ*)—A pretty decorative plant for the greenhouse or conservatory; bright blue. $1\frac{1}{2}$ ft. 6d. per pkt.

H.H.R. **Browallia Elata Alba**—Pure white flowers; useful. $1\frac{1}{2}$ ft. 6d. per pkt.

Briza, see Ornamental Grasses.

H.A. **Cacalia Coccinea** (*Composite*)—Very showy border annual; flowers scarlet. 1 ft. 3d. per pkt.

H.A. **Cacalia Aurea** (*Lutea*)—Yellow. $1\frac{1}{2}$ ft. 3d. per pkt.

Calampelis, see *Eccremocarpus*.

H.A. **Calandrinia Grandiflora** (*Discolor*) (*Portulacææ*)—Large rose-coloured flowers. 1 ft. 3d. per pkt.

H.A. **Calandrinia Speciosa**—Purple. $\frac{1}{2}$ ft. 3d. per pkt.

H.A. **Calandrinia Speciosa Alba**—White. $\frac{1}{2}$ ft. 3d. per pkt.

Half-packets at half price of all Flower Seeds where priced 1s. and upwards, except collections and novelties.

For Penny Packets, see page 116.



A Photographic View of our Exhibit at the Begonia Conference at Chiswick. 50 feet in length.

SILVER-GILT MEDAL AWARDED.

WAS AWARDED THREE SILVER MEDALS FOR GROUPS DURING 1893.

Tubers in the dormant state can be supplied from the end of October until March. After that date in plants.

Single and Double Begonias from your seed were grand. Have raised thousands, but none of them near the Swanley strain.

The Begonia seed I had of you in the Spring was good; 100 fine plants in full flower; the quality first rate.

Your Begonia seed turned out well. I have a great number of seedlings which are grand.

All your seeds have done well, especially Begonias and Verbenas.

Mr. A. SINGLETON, La Folie, Millbrook, Jersey, September 11th, 1893.

J. B. SEWARD, Esq., Hillside House, Amptill, September, 1893.

L. BEDDOES, Esq., Wyndham, Easton in Gordano, September, 1893.

Mr. G. TOMSETT, The Gardens, English Bicknor, Coleford, August 2nd, 1893.

Cannell & Sons' Complete Seed Guide.

BEGONIA, CANNELLS' GRANDIFLORA DOUBLE.



Seed saved from the large-flowering best-shaped varieties only. They possess far better habit and freeness in blooming than any others ever offered, which is confirmed by the unanimous decision of nearly all the greatest experts and connoisseurs.



DOUBLE BEGONIAS.

Per packet, 1s., 2s. 6d., 3s. 6d., 5s., and upwards.

We have been awarded more First-Class Certificates than all other firms put together.
See full particulars in *Floral Guide*.

Plants raised from your Calceolaria seed have bloomed well, and been greatly admired.

J. EVERETT, Esq., Colbury, Totton, July 31st, 1893.

Mr. W. LITTLE St. Peter's Street, Tunbridge Wells, June, 1893.

I was awarded a First Class Certificate at Tunbridge Wells for 6 pots of Calceolarias raised from seed supplied by you.

Cannell & Sons' Complete Seed Guide.



OUR CALCEOLARIAS.

See Photograph of our House of Seedlings, Novelties in Flower Seeds.

Our house of these is a great feature with us, and to hear the exclamations of the many visitors, "Why, I have never seen any like these before; they are handsome," is quite cheering. The fact is, we have saved the seeds from the rarest colours, and really at first sight they appear to be a new family. Pray remember the crop of seed is considerably less from these uncalceolaria-like colours than from those where the colours are nearly all yellow, and flowers as long and as ugly as an old slipper.

N.H.R. Calceolaria—Shrubby, dwarf bedding varieties. $1\frac{1}{2}$ ft. per pkt. 1s. 6d.

G.P. Calceolaria, Swanley Hybrid Dwarf Perfection (*Scrophulariaceae*). 2s. 6d. per pkt. Smaller pkt. 1s. 6d.



CALCEOLARIA, SWANLEY HYBRID DWARF PERFECTION.

ACKNOWLEDGED TO BE THE FINEST STRAIN IN THE WORLD.

The seed germinates best without heat, and should be sown in pans or pots, following the directions here given as nearly as possible what we practice:—The pots to be quarter filled with drainage, over which place the rough siftings of the mould, filling up the pot with very fine soil, half of which should be composed of sand. When thus prepared, water through a fine rose, and carefully sow the seed, but do not cover it. Place the pots in a close and totally dark frame, or under a square of glass. The moment they show the seed leaf, gradually expose to the light, taking care to protect from exposure to the sun. When the seedlings are strong enough, prick them off into pans prepared as before, and placed in a similar position. From the store pans pot off singly, placing them in a cold frame or near the glass. The main thing is never to let them become dry, starved, and pot-bound; if so, the fly will attack them, and they will never make good plants. These directions apply to nearly all seedlings. The common error, and the cause of nearly all failures—the seed is sown too early. Plants become too large, and often for the want of either root or top room have to stand still,

as it were, and the moment the roots become stationary they go backward, and when so they become stunted, insects attack them, or yellow foliage sets in, and perfection is lost. Sow in August, and from the moment they are up do everything to keep them growing, and the faster the better. Rain water is absolutely necessary. Let them be carefully shifted from the small pot to the 5-inch. Let the night temperature and moisture be such as to cause a nice refreshing dew to stand on the surface of the leaves every morning. This wards off insects and gives vigour to the plant, but it should be dispelled during the day by the admission of air. (See important cultural directions given for Cinerarias.) Keep them in a cold frame, with plenty of air and moisture at all favourable times. No frost must touch them. The grand secret is to keep all green fly away, and if coddled in a house, they are almost sure to be attacked. If so, the most effectual means must be adopted by placing them in a lofty position and fumigating, as per directions given (see Guide); and at the very moment of the first curled leaf, every fly must be destroyed. As soon as the first root appears at the drainage hole, let them be shifted intact and without injury into their blooming pots, making sure that every pot is well drained, for no plant is more liable to become sickly and yellow in wet, sour soil than the Calceolaria. On the first signs of sharp weather, place in a house near the glass, with temperature not above 50 deg., with plenty of moisture; and as soon as the pots become well filled with roots, give liquid manure once a week, and stake out and fumigate thoroughly just before they show flowers, and the result will be a grand sight. Some plants die off suddenly at the blooming time; this is generally caused by over watering. (See cultural directions for Primulas.)



THE FINEST STRAIN OF CALCEOLARIA IN THE WORLD.

H.A. Calliopsis (Coreopsis) Coronata (Tickseed) (*Compositae*)—Yellow, brown spots; very pretty. 2 ft. 3d. per pkt.

H.A. Calliopsis Drummondii—Flowers yellow, with brown centre; one of the best. 2 ft. 3d. per pkt.

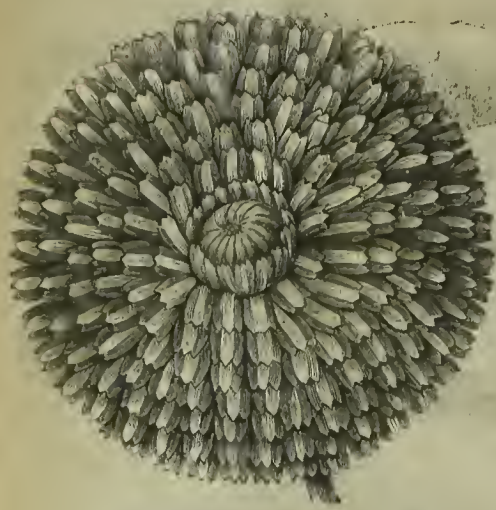
H.A. Calliopsis Tinctoria (Bicolor)—Yellow and crimson; valuable. 3 ft. 3d. per pkt.

H.A. Calliopsis atrosanguinea—Dark crimson; attractive. 1 ft. 3d. per pkt.

H.A. Calliopsis Atkinsoniana—Orange-yellow, spotted brown in centre. 2 to 3 ft. 3d. per pkt.

H.H.A. Callirhoe involucrata—Large purplish-crimson flowers. $1\frac{1}{2}$ ft. 3d. per pkt.

Cannell & Sons' Complete Seed Guide.



CALENDULA OFFICINALIS "METEOR."



CALENDULA OFFICINALIS GRAND. SULPHUREA FL. PL.



Calendula Officinalis Grandiflora Sulphurea fl. pl.—

Of the improved compact growing pot-marigold, producing very large and extremely double flowers of a pleasing sulphur-yellow colour. Per pkt., 1s.

H.A. *Calendula Officinalis* fl. pl. "Meteor" (*Compositae*)—A splendid variety, with large and beautifully imbricated striped flowers, the colours of a deep brown-orange on a pale straw-coloured, almost white, ground; the stripes are very striking, and of the greatest regularity. 1 ft. 3d. per pkt.

H.A. *Calendula* "Orange King"—This variety represents the highest possible perfection in the class of Double *Calendula*. The flower is faultlessly shaped, and of a very dazzling deep orange colour. $\frac{3}{4}$ ft. 6d. per pkt.

H.A. *Calendula pluvialis* (Cape Marigold), very free-flowering, white. 1 ft. 3d. per pkt.

Californian Poppy—See *Eschscholtzia*.

H.P. *Campanula Carpathica* (*Campanulaceae*)—Covered with large erect blue flowers. $\frac{1}{2}$ ft. 3d. per pkt.

H.P. *Campanula Carpathica Alba*—Flowers white. $\frac{1}{2}$ ft. 3d. per pkt.

H.P. *Campanula Carpathica Pallida*—Very pale blue; pretty. $\frac{1}{2}$ ft. 3d. per pkt.

H.P. *Campanula Celtidifolia*—Produces light blue flowers; blooms first season. 6d. per pkt.

H.P. *Campanula Grandiflora* (*Platycodon grandiflorum*)—Large; blue flowers in autumn; effective. 2 ft. 6d. per pkt.

H.P. *Campanula Grandiflora Alba*—Flowers pure white. 2 ft. 6d. per pkt.

H.P. *Campanula Latifolia*—This produces stout stems 3 feet high, bearing large blue flowers in great abundance. 6d. per pkt.

H.B. *Campanula Medla Calycanthema*—Blue. 2 ft. 3d. per pkt.

H.B. *Campanula Media Calycanthema Alba*—2 ft. 3d. per pkt.

Two splendid showy varieties of Canterbury Bells, the calyx forming an elegant cup round the base of the bell, and being of the same beautiful colour as the corolla. These varieties come quite true from seed.

H.B. *Campanula Media* (Double Canterbury Bells, Mixed). 2 ft. 3d. per pkt.

H.P. *Campanula Pyramidalis* (Chimney Campanula)—This when in bloom is very handsome; pale blue. 3 ft. 3d. per pkt.

H.A. *Campanula Speculum* (Venus Looking-Glass)—Blue; very pretty annual for borders, rockwork, &c. 3d. per pkt.

H.A. *Campanula Speculum fl. Alba*—White. 3d. per pkt.

H.P. *Campanula Turbinata*—Flowers blue; dwarf. 3d. per pkt.

H.P. *Campanula Turbinata Alba*—White. 1s. per pkt.

Canary Creeper—See *Tropaeolum*.

H.A. CANDYTUFT.



CANDYTUFT, EMPRESS.

Carnea—Flesh colour. 1 ft. 3d. per pkt.

Crimson—1 ft. 3d. per pkt.

Empress—A splendid variety, producing pure white pyramidal trusses on dwarf branches; very free. $\frac{3}{4}$ ft. 6d. per pkt.

Lilacea—Lilac. 1 ft. 3d. per pkt.

Mixed. 3d. per pkt.

Pink—Quite a distinct variety, pretty colour; should be grown in every garden. 1 ft. 6d. per pkt.

Rocket—White. 1 ft. 3d. per pkt.

Sweet Scented—White. 1 ft. 3d. per pkt.

White Tom Thumb—Very dwarf, good white. $\frac{3}{4}$ ft. 3d. per pkt.

H.B. *Cannells' Clematis Canterbury Bells*—The greatest and most surprising novelties are our Canterbury Bells; their singularity of shape, which the illustrations truly represent, come perfectly true from seed, and being quite hardy should be in every garden. Habit very dwarf, and so free that the whole plant, when in full flower, presents one surface of colour. Shape of flower extremely striking. Mixed, in several delicate and pleasing colours. 2 ft. 1s. per pkt.



CALLIOPSIS TINCTORIA.



CALLIOPSIS CORONATA.

Cannell & Sons' Complete Seed Guide.



CRIMSON CANDYTUFT.



CANDYTUFT ROCKET.



Cannells' Canterbury Bells.

Cup and Saucer.
(68)



Nº 3



Nº 4

CLEMATIS, CANTEBURY BELLS.

Cannell & Sons' Complete Seed Guide.

H.A. *Cannabis Gigantea* (*Cannabaceae*), Giant Hemp—A tall ornamental foliaged plant, useful for sub-tropical effect. 6 ft. 3d. per pkt.
H.B. *Canterbury Bells*: Cup and Sancer varieties, mixed—2 ft. 1s. per pkt.

H.B.	<i>Canterbury Bells</i> , Single—Blue	} Single, many shades. Our own collection. Mixed. 2 ft. 3d. per pkt.
"	" " —White	...	...
"	" " —Pink	...	...

H.H.A. *Capsicum*—Mixed, 3d. per pkt.

H.H.A. *Capsicum Annuum* (Prince of Wales)—Charming plant for decoration, beautiful green-shaded foliage, fruit bright golden yellow. 1½ ft. 3d. per pkt.

H.H.A. *Capsicum Ruby King*—Colour beautiful ruby crimson. 1½ ft. 1s. per pkt.

H.B. *Carduus Benedictus* (Holy Thistle)—For mixed borders; foliage marked white. 3 ft. 3d. per pkt.

H.B. *Carduus Marianus* (Ornamental Thistle). 2 ft. 3d. per pkt.



CANNELLS' CANNAS. (For all the best varieties, see Floral Guide.)

H.H.P. *Cannas* (*Canneae*), Indian Shot—These give a very beautiful and tropical aspect to pleasure grounds, by their stately growth and broad, massive foliage, relieved by rich crimson-scarlet, orange, or yellow flowers during the late summer months; their foliage, comprising various shades of rich green, glaucous, and chocolate-crimson leaf-tips, fits them admirably for effective groups, their appearance rendering them a striking contrast to other

plants. They are also invaluable for large pot plants, as portable specimens in pleasure-ground decoration, and equally so for summer groups in large conservatories, in which their great diversity of foliage appears to advantage, and they are very ornamental for any purpose. 3 to 6 ft. high. 6d. per pkt. Saved from the very best varieties, 1s. per pkt. For full collection of best named varieties that can be supplied as plants, see Floral Guide.

WE CAN SUPPLY TWELVE USEFUL VARIETIES IN PLANTS, OUR SELECTION, FOR 12s.
FOR FURNISHING LARGE OLD-FASHIONED GREENHOUSES OR CONSERVATORIES DURING THE SUMMER
AND AUTUMN NOTHING CAN BE FOUND MORE SUITABLE, THEY ARE WELL WORTH A TRIAL.

SHOULD ANY OF OUR CUSTOMERS WISH IT WE CAN SUPPLY SEEDS OF VARIOUS KINDS
IN SEPARATE PACKETS.

CARNATIONS AND PICOTEES.

Send for our complete List of CARNATIONS, PICOTEES, and PINKS; also TREE or WINTER-FLOWERING CARNATIONS.

Good strong healthy plants supplied of all the best varieties.



A GROUP OF OUR CARNATIONS AND PICOTEES.

The DOUBLE MARGARET CARNATION is a grand addition to this much-appreciated flower.

Plants may be had in bloom in about four months from the time of sowing seed. The colours are mixed, sweet scented, and most useful for cutting purposes. Per packet, 1s. and 1s. 6d.

Seed, mixed, 2s. 6d. Packet.

Cannell & Sons' Complete Seed Guide.



PERPETUAL FLOWERING DWARF DOUBLE MARGARET CARNATIONS—TOM THUMB.

H.P. Carnations, mixed. $1\frac{1}{2}$ ft. 2s. 6d. per pkt.

Perpetual Flowering Dwarf Double Margaret Carnations—Tom Thumb.—Herewith is offered an opportunity which cannot be excelled to every one who is in constant want of fine flowering plants. In growing these beautiful Carnations the greatest possible perfection has been obtained, and it is hardly likely they will ever be surpassed. They are most valuable for pot culture, bedding, groups, borders, &c., and will be highly appreciated by all lovers of the Carnation. The cultivation is quite simple, as they can be sown at almost any time of the year, but must be transplanted at once to the spot where intended to flower. If sown in March they require but very little more attention than many of the common summer flowers. Per pkt. 1s. and 1s. 6d.

Carnation Margaret White—Pure white. 1s. 6d. per pkt.

H.P. Cannells' Picotees and Carnations, mixed 2s. 6d. per pkt.

H.P. Cannells' Picotees, mixed. $1\frac{1}{2}$ ft. 2s. 6d. per pkt.

H.P. Tree, or Winter Flowering Carnations, saved from the best varieties. 2 ft. 2s. per pkt.

Sow in June, and treat them like *Calceolarias* until September; after that to be kept in a cool frame.

For Collections of Carnation and Picotee. see page 53.



CANNELLS' CHOICE CARNATION.

Castor Oil Plant—See *Ricinus*.

H.P. **Catananche Cœrulea**—Blue and purple. free flowering. 2 ft. 3d. per pkt.

H.A. **Catchfly, Lobel's Red** (*Carophyllaceæ*), *Silene Armeria*—Very showy, early flowering plant. 1 ft. 3d. per pkt.

H.A. **Catchfly, Lobel's White**. 1 ft. 3d. per pkt.

G.A. **Celosia Plumosa** (*Amarantaceæ*)—A very handsome, dwarf, bright crimson sort of the feathery Cockscombs, of regular pyramidal growth; well adapted for pot culture as well as for flower beds. 3 ft. 1s. per pkt.

G.A. **Celosia Huttoni**—Bright crimson, very effective. 2 ft. 1s. per pkt.

G.A. **Celosia Japonica**—The branches, from the roots to the smallest leaf vein, are scarlet or crimson, the combs are almost as delicately cut as ruffled lace, often in pyramidal masses, while the colours are of the brightest description imaginable. 2 ft. 1s. per pkt.

G.A. **Celosia Pyramidalis Aurea** (Golden)— $2\frac{1}{2}$ ft. 1s. per pkt.

G.A. **Celosia Pyramidalis Coccinea**— $2\frac{1}{2}$ ft. 1s. per pkt.



CANNELLS' CHOICE PICOTEE.



CELOSIA SPICATA ROSEA.

Cannell & Sons' Complete Seed Guide.



CELOSIA PLUMOSA.



CELOSIA JAPONICA.

G.A. *Celosia Pyramidalis Versicolor*—A tall feathery Cockscomb of several beautiful colours; if properly grown cannot fail to be appreciated. 6d. per pkt.

O.A. *Celosia Spicata Rosea*—Crimson, with shaded maroon foliage. 2 ft. 3d. per pkt.

The above to be treated like the *Amaranthus*, only to be kept in pots, as they are more for indoor decorations.

H.P. *Centaurea Clementi*—Robust growing; white foliage variety. 2 ft. 1s. per pkt.

H.A. *Centaurea Cyanus*—The beautiful Cornflower, much used for floral decoration, bouquets, &c., mixed, containing, blue, pink, and white. 2 to 3 ft. 3d. per pkt. Pink and white in separate pkts. 3d. per pkt.

H.A. *Centaurea Cyanus*, Blue (Cornflower)—2 to 3 ft. 3d. per pkt.

H.A. *Centaurea Cyanus* (Victoria).—This charming variety of our garden Cornflowers is very dwarf, rarely exceeding 6 to 8 inches in height, and the plants form very pretty miniature globular bushes, which are profusely covered with dark blue flowers. 1s. per pkt.

H.H.P. *Centaurea Gymnocarpa*—Rose-purple flowers, silvery-white; pinnatifid foliage. 1½ ft. 6d. per pkt.

H.A. *Centaurea Moschata Alba* (White Sweet Sultan)—1 ft. 3d. per pkt.

H.A. *Centaurea Moschata Purpurea* (*Compositæ*), Purple Sweet Sultan—1 ft. 3d. per pkt.

H.H.P. *Centaurea Ragusina* (*Candidissima*)—The best of the genus for bedding purposes, and a very valuable decorative plant for conservatory or other purposes; its large silvery white leaves form a fine contrast when grouped with other plants; as an ornamental bedding plant it is unequalled by any in cultivation with similar foliage. 1½ ft. 1s. 6d. per pkt.

H.A. *Centaurea Suaveolens* (Sweet Sultan)—Well known, a very useful plant, flowers bright yellow. 1½ feet high. 3d. per pkt.

H.P. *Centranthus Macrosiphon*—Very pretty, pink. 1½ ft. 3d. per pkt.

SOMETHING ABSOLUTELY NEW FROM AMERICA. With the Raiser's description.

Centrosema Grandiflora—Many old and neglected plants are really valuable and prove eminently satisfactory; but, after all, it cannot be denied that one which is absolutely new to cultivation, and at the same time is one of the very best in actual merit, is decidedly most desirable.

Just such a plant is *Centrosema Grandiflora*. I have had the pleasure of watching the growth and development of it during the last few seasons. It is a perfectly hardy perennial vine, of rare and exquisite beauty, which blooms early in June from seed sown in April, and bears, in the greatest profusion, inverted pea-shaped flowers from 1½ to 2½ inches in diameter, ranging in colour from a rosy-violet to a reddish-purple, with a broad feathered-white marking through the centre. The large buds and the back of the flowers are pure white, making it appear as if one plant bore many different coloured flowers at one time. Occasionally plants bear pure white flowers, while others are margined with a broad white feathering. The flowers are produced in the greatest abundance, sometimes six to eight in a single cluster.

The stem and foliage are very graceful, and of a delightful odour. Blooming stems placed in water remain fresh for many days.

It is well adapted for every garden purpose, especially as a climber, running six to eight feet in a season. Even in the poorest soil it will bloom freely until cut down by frost.

I certainly predict for it a great run and immense popularity here and abroad.—WM. F. BASSETT. 1s. 6d. per pkt.

H.P. *Cerastium Tomentosum* (*Caryophyllaceæ*)—A white foliage miniature plant for edgings or rockwork. ½ ft. 1s. per pkt.

H.H.B. *Chamæpeuce Casabonæ* (Fish-bone Thistle)—1 ft. 6d. per pkt.



CHAMÆPEUCE DIACANTHA.

H.H.B. *Chamæpeuce Diacantha* (*Compositæ*), Ground Pine Thistle—Magnificent ornamental foliage biennial *Cardineæ*, with long leaves thickly set with spines symmetrically arranged. 1 ft. 4d. per pkt.

H.H.A. *Chenopodium Atriplicis* (*Chenopodiaceæ*), Goosefoot—Purple-shaded foliage plant. 3 ft. 3d. per pkt.

Mr. W. POPE, The Gardens, Highclere Castle, Newbury, August 9th, 1893.

Plants raised from your Aster Seed have bloomed well and are splendid.

Mr. W. BENNETT, Middleton, August, 1893.

I am pleased to inform you that I was awarded First Prizes for Asters and Stocks grown from seed supplied by you. Thanks for such grand quality.

Cannell & Sons' Complete Seed Guide.

Come and See.

OUR CINERARIAS.

SEE PHOTOGRAPHIC VIEW OF OUR HOUSE FOR SEEDING FROM,
ON COLOURED PAPER CONTAINING NOVELTIES.



WE CAN SUPPLY PLANTS OF NAMED VARIETIES FOR GROWING ON
FOR EXHIBITION PURPOSES.

CANNELLS' GRANDIFLORA CINERARIA

(Composite).

Price per packet, 2s. 6d. Smaller packet, 1s. 6d.

They are lovely, both Singles and Doubles, during March and April; by far the finest named collection in the world—like all our strains, the best that can be obtained. They were awarded the First Prize in open competition at Regent's Park, and at the Quinquennial Exhibition at Ghent, although there was great competition, even from Paris, ours far out-distanced all, and we were awarded the Silver Medal.

Although hardier in growth, and requiring less care than Calceolarias, the treatment for raising seed, &c., is the same; if required to flower in winter, seed must be sown in May or June. The secret of growing well is to grow fast, never allowing them to receive a check, either from being pot bound, dryness of root, or attack of insects, the cooler they are kept the better, just preventing frost reaching them, and giving abundance of air; precisely the same treatment and remarks given for Calceolaria apply to the Cineraria, except larger pots must be allowed for root action, and rather stronger liquid manure. The main thing is to keep them growing quickly from the seedling up to the blooming period, avoiding all other plants that are at all likely to be infested with insects. If the green aphid is not kept thoroughly away there will not be a bloom worth seeing. Every possible means and precaution must be adopted to keep the foliage full of life and vigour. See every morning that the points of their leaves stand erect, and that the foliage is slightly covered with dew-like moisture, and the centre or heart is stout and bold, that their white silver bristles, or respiratory organs, round the stems or leaves are fresh and full of health, and stand out and show conspicuously when the sun shines; avoid dust, and make sure that no other than perfectly clear rain-water ever goes near the foliage. Of course at all times the keenest observation of extreme temperature must be made for cold, cutting draughts, or a too glaring sun, and warmth must be avoided, otherwise fine healthy plants and valuable time will be lost. See important cultural particulars given for Cyclamen and Calceolarias, and how to use our "Real Manure," see Floral Guide.

Cannell & Sons' Complete Seed Guide.



CINERARIA, DOUBLE.

G.P. *Cineraria Hybrida* (Double)—1½ ft. 2s. 6d. per pkt. (See Floral Guide.)

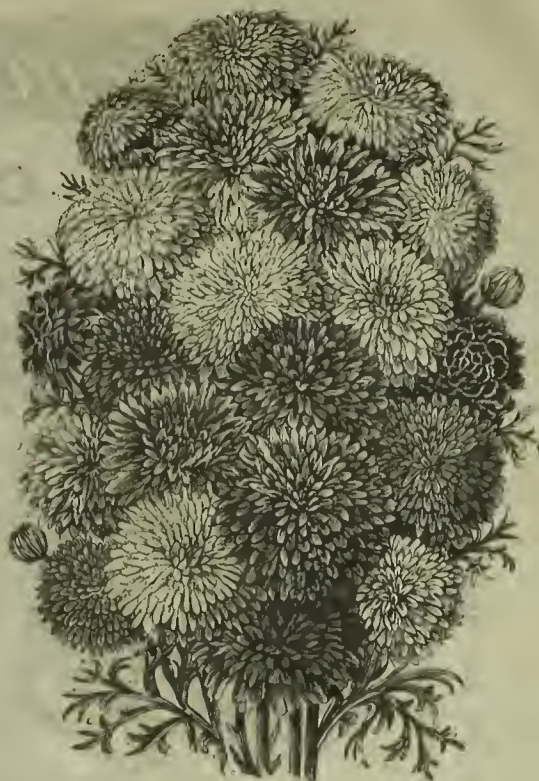
H.P. *Cineraria Maritima*—Beautiful silver-foliaged hardy perennial; very attractive in beds, mixed borders, and rockwork. 2 ft. 3d. per pkt.

G.P. *Cineraria* (Single), **Cannells' First Prize**—1½ to 2 ft. 2s. 6d. per pkt.; smaller pkt. 1s. 6d.



CHRYSANTHEMUM CARINATUM.

H.A. *Chrysanthemum Carinatum* (*Compositae*), Tricolor—White and yellow band, brown centre. 1½ ft. 3d. per packet.



CHRYSANTHEMUM CARINATUM HYBRIDUM FIMBRIATUM FL. PL.

Chrysanthemum Carinatum Hybridum Fimbriatum fl. pl., or The New Double-Fringed Annual Hybrids—This class may now indeed be designated as having attained a state of perfection. The shades of colour vary from white, yellow, to pink, blood-red, and the deepest purple; the flowers are extremely double, of brilliant colours, and the finely fringed petals are overlapping each other. Per pkt., 1s. 6d.



CHRYSANTHEMUM SEGETUM GRANDIFLORUM.

Cannell & Sons' Complete Seed Guide.

H.A. Chrysanthemum Carinatum (Tricolor) "Eclipse,"
syn. W. E. Gladstone—It is very seldom that a really good and conspicuous annual makes its appearance, such as will surprise and please everyone. We believe that these will give universal satisfaction, for they are just the shape and coloured flowers to be generally liked; and none are more useful for cut flowers. For shape, see engraving. Colour yellow, delicate and pretty; some have purple, brown, and other shades of colour round the base. To be sown and treated the same as Asters or Marigolds, and they will flourish and produce innumerable flowers in any sunny situation. $1\frac{1}{2}$ ft. 6d. per pkt.

H.H.P. Chrysanthemum Etoile d'Or (Marguerite)—Yellow. The largest and most beautiful of the Paris Daisies. 2 to 3 ft. 1s. per pkt.

H.P. Chrysanthemum Grandiflorum (Marguerite) — Large-flowering White Marguerite. $1\frac{1}{2}$ ft. 1s. per pkt.

H.P. Chrysanthemum Leucanthemum Grandiflorum — Is another plant which hitherto has been considered a weed, but the one now offered is an improved variety, and is called *grandiflorum*, and where cut flowers are in great request during summer, no more useful plant is grown—in fact, it is a most remarkable plant, for it is pretty and grows anywhere, and the enormous quantity of flowers it produces is truly wonderful; it should be in every garden and on every table. A threepenny packet of seeds will give barrow-loads of bloom, with no trouble. 2 ft. 3d. per pkt.



CHRYSANTHEMUM LEUCANTHEMUM GRANDIFLORUM.

CANNELLS' RE-SELECTED CHRYSANTHEMUMS.

H.A. Chrysanthemum Hybridum fl. pl.—Remarkably beautiful and exceedingly showy. 2 ft. 3d. per packet.

H.P. Chrysanthemum Inodorum Plenissimum — Produces a large percentage of double white flowers. 2 ft. 6d. per pkt.

H.A. Chrysanthemum Segetum Grandiflorum—An improved form of the common English variety of our fields; if sown at Christmas it gives abundance of splendid yellow flowers all the spring. Its lovely flowers are most useful in our homes, and although common, is always a favorite with ladies. 2 ft. 3d. per pkt.

H.A. Chrysanthemum Coronarium (Double)—This variety is very useful; valuable for cut flowers, and of very easy growth, white and yellow mixed. 2 to 3 ft. 3d. per pkt.

H.A. Chrysanthemum Sultan and Lord Beaconsfield—Edged and striped with gold, maroon, and white. $1\frac{1}{2}$ ft. 3d. per pkt.

H.A. Chrysanthemum (Tricolor), Double—New double annual hybrid varieties. This valuable and most unique novelty has resulted from carefully hybridizing and selecting for several years the semi-double varieties of this useful annual until a high degree of doubleness has been attained. They are extremely variable, embracing a great variety of tints, ranging from white and yellow to richest purples and crimsons, with intermediate shades of rose, lilac, &c. 1s. per pkt.

H.A. Clarkia Elegans (Onagraceae)—An elegant and profuse flowering annual; lilac-rose. 2 ft. 3d. per pkt.



CHRYSANTHEMUM CORONARIUM.



CHRYSANTHEMUM INODORUM PLENISSIMUM.



CHRYSANTHEMUM HYBRIDUM FL. PL.

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CHRYSANTHEMUM CARINATUM (TRICOLOR) "ECLIPSE."



CHRYSANTHEMUM LORD BEACONSFIELD.



CHRYSANTHEMUM (TRICOLOR), DOUBLE

Cannells' Re-selected Clarkias.

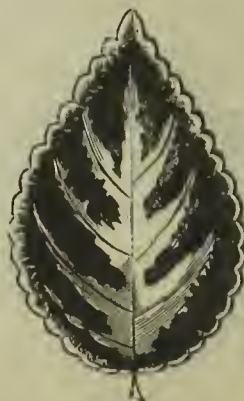
- H.A. **Clarkia Mrs. Langtry**—Pure white, centre brilliant carmine-crimson. 1½ ft. 6d. per pkt.
 H.A. **Clarkia Pulchella Alba**—Beautiful white. 1½ ft. 3d. per pkt.
 H.A. **Clarkia Pulchella**—Mixed. 3d. per pkt.
 H.A. **Clarkia Pulchella**—Rosy purple. 1½ ft. 3d. per pkt.
 H.A. **Clarkia fl. pl. Purple King (Hardy's)**—Exceedingly pretty and distinct. 2 ft. 3d. per pkt.
 H.A. **Clarkia fl. pl. Salmon Queen (Hardy's)**—Exceedingly pretty and distinct. 2 ft. 3d. per pkt.



HARDY'S CLARKIA.

- H.A. **Clarkia (Hardy's) Cannells' Re-selected**—Mixed beautiful large double flowers. 1½ to 2 ft. 3d. per pkt.

H.B.P. **Coleus (Labiatae)**—Our own choice collection. Saved from the very best golden-edged kinds, and there can be no doubt it will produce some fine new and distinct varieties. For culture, see Floral Guide. 1½ to 3 ft. 2s. 6d. per pkt.; smaller, 1s. 6d. per pkt.



COLEUS



CLARKIA PULCHELLA.

Cannell & Sons' Complete Seed Guide.

Cannells' New Hybrid Cockscombs

(*Celosia cristata*) *amarantacea*.

The many hundreds who honoured us with a visit last summer will acknowledge that one of our 100-feet houses, filled with Cockscombs, contained the most magnificent lot of this family ever seen in England. Hitherto, one or two colours has been the extent of the varieties, whereas we have now a dozen distinct colours. All are of rich satiny colour, such as bring forth the expression, "Had I not seen these I could not have believed they would have caused such a glare." Many had perfectly arched heads more than 2 feet over, and every seed is from those which had combs quite equal to the engraving. Mixed, 2s. 6d. per pkt.; smaller, 1s. 6d. per pkt.



G.A. Glasgow Prize—1 ft. 1s. 6d. per pkt.

G.A. Swanley Dwarf—Intense crimson. The best for market purposes, only averaging 6 to 9 inches high. 1s. 6d. per pkt.

G.A. Empress—Very tall, and grows to an immense size. 1½ ft. 1s. 6d. per pkt.



COLLOMIA COCCINEA. CONVULVULUS (IPOMOEA PURPUREA) MAJOR.

H.H.P. *Clanthus Dampieri* (*Leguminosae*), Glory Pea of Australia—No lover of flowers should rest content until he has either seen or grown this, the most brilliant of the Australian plants. True, it is rather difficult to grow, like many other plants, but if seed is sown in April, in heat, after attaining the height of three inches, exposed to all the light and sun in a temperature of 60 to 70°, and well looked after, it will cause such a *furor* in the neighborhood that it would be difficult to restrain people from coming to see. It likes rather poor gravelly or sandy soil. Seeds

should be soaked in water till they swell, and then be covered with a quarter of an inch or less of sandy soil, and pressed down with the hand. It is always best to sow where it is wanted to grow, as the young plants do not like being shifted. 1s. per pkt.



COBÆA SCANDENS.

H.A. *Clintonia Elegans*, syn. *Downingia Elegans* (*Campanulaceae*)—Beautiful little annuals, very suitable for edgings or rockeries; sow in heat with care as the seed is very minute. ½ ft. 3d. per pkt.



CONVOLVULUS MINOR ROSEUS.

H.A. *Clintonia Pulchella Alba*—½ ft. 6d. per pkt.

H.H.C. *Clanthus Puniceus*—Large, bright crimson flowers. 3 to 4 ft. 1s. per pkt.

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H.H.P. *Cobæa Scandens* (*Polemoniaceæ*)—Purple-lilac, large bell-shaped flowers, a rapid growing climber, producing a grand effect under glass, and during summer on south walls, verandahs, arbours, &c. 20 ft. 6d. per pkt.

H.H.P. *Cobæa Scandens Alba*—White. 20 ft. 1s. per pkt.

H.A. *Collinsia Bicolor Candidissima*—White; very pretty dwarf spring flowering annual. 1 ft. 3d. per pkt.

H.A. *Collinsia Grandiflora* (*Scrophulariaceæ*)—Purple. 1 ft. 3d. per pkt.

H.A. *Collinsia Multicolor Marmorata*—White and rose; very pretty. 1 ft. 3d. per pkt.

H.A. *Collomia Coccinea* (*Polemoniaceæ*), Phloxworts—Scarlet; blooms in July. Sow the seed either in the spring or autumn. 3d. per pkt.

Columbine, *see* *Aquilegia*.

H.H.P. *Commelina Cœlestis* (*Commelinaceæ*)—Flowers bright blue, tuberous rooted. 1½ ft. 3d. per pkt.

H.A. *Convolvulus Major* (*Convolvulaceæ*)—Finest mixed. 10 ft. 3d. per pkt.

H.A. *Convolvulus Minor*—Crimson Violet flowers, very striking; bright yellow eye, encircled with a band of snowy white, broadly margined with rich crimson-violet, varying in some blooms from bright violet to rich velvety purple-crimson. 1 ft. 3d. per pkt.

H.A. *Convolvulus Minor*—Blue. 1 ft. 3d. per pkt.

H.A. *Convolvulus Minor Roseus*—12 inches high. The centre of the rose-coloured flowers is surrounded with purplish violet and changes towards the throat into five broad golden-yellow rays. 3d. per pkt.

Coreopsis, see Calliopsis.

Cornflower, see Centaurea cyanus.

H.P. *Cowslip*—Finest mixed, early spring flowering. ¾ ft. 3d. per pkt.

H.P. *Crucianella Stylosa* (*Rubiaceæ*), Crosswort—Pink; very dwarf; useful for rockwork. 3d. per pkt.

H.H.P. *Cuphea Eminens* (*Lathyraceæ*)—Red and yellow tubular flowers; useful for bedding or greenhouse. 1½ ft. 1s. per pkt.

CANNELLS' CYCLAMEN PERSICUM.

(*Primulaceæ*).

OURS ARE THE FINEST AND NEAREST PERFECTION EVER SEEN.

Awarded a Silver Medal by the Royal Horticultural Society for our Strain.

During the spring our two houses, filled with the best hybrids, is one of the grandest floral sights round London. We invite all to come and see how, and from what, we save our seeds.

Cyclamen, although so beautiful, yet how seldom do we see them grown well, except by a few; yet to alter this their few natural wants should have attention, and merely mentioned to be thoroughly understood, then the result would be the reverse.

Sow seeds thinly, in a compost of two parts turfy yellow loam, one of peat and leaf mould mixed together, and one part of thoroughly decayed cow-dung sifted very fine, and a little silver sand; cover the seeds to the depth of a quarter of an inch; place the pots on a shelf in the greenhouse, near the glass in the winter, and in summer in any shaded pit. Under no circumstances must the surface of the soil become dry. Some of the seeds take four months to germinate.

After the plants have attained one or two leaves, and formed a small bulb, remove with root intact into small and well-drained pots, at all times using the soil mentioned above, adding one ounce to every peck of soil of our Real Manure, well mixed. Of course these small pots and plants must be watered with a rose on water-can, and hence the foliage moistened at every watering, and if anything but the cleanest rain water is ever used, the leaves become corroded with a white slime, and unsatisfactory results will be sure to follow, and as the entire health of the plant depends on a few leaves only, these precious leaves must be kept of a bright green hue from the first seedling leaf up to the flowering period. All sun must be avoided during the late spring and summer, and never allowed to shine on them after 8 o'clock a.m. and before 4 o'clock p.m. A cold frame in a shaded position, pitched north, is the best place for them, and as soon as they have made their season's growth, and show signs of going to rest, withhold water for a fortnight, shake away all soil, and re-pot. Be particular that the bulbs are buried just below the surface, except the crown, and after all are placed in a shaded frame, and every pot placed on a hard surface, so that no worms can enter; keep lights off in all moderate weather, and as cool as possible during hot weather, and in about a month new foliage will begin to push up; showery weather and night dews assist them immensely. Remove to a greenhouse, place them close to the glass, with plenty of air and light; they will be a surprise and delight all the winter. As soon as they show flower, give liquid manure once a fortnight; and if the foliage becomes too vigorous, withhold it.

G.P. *Cyclamen* (Hybrid) *Persicum*—Red. 1s. 6d. and 2s. 6d. per pkt.

G.P. *Cyclamen* (Hybrid) *Persicum*—White. 1s. 6d. and 2s. 6d. per pkt.

G.P. *Cyclamen* (Hybrid) *Persicum*—Rose. 1s. 6d. and 2s. 6d. per pkt.

G.P. *Cyclamen* (Hybrid) *Persicum*—White, with purple base. 1s. 6d. and 2s. 6d. per pkt.

G.P. *Cyclamen Persicum*—Mixed; saved from our finest Prize Collection of the very best white and highly-coloured varieties. ½ ft. 1s. 6d. and 2s. 6d. per pkt.

G.P. *Cyclamen Persicum Giganteum*—Very large flowers. ¾ ft. 1s. 6d. and 2s. 6d. per pkt.

G.P. *Cyclamen Persicum Giganteum*—Rose. ½ ft. 2s. 6d. per pkt.



CANNELLS' CYCLAMEN GIGANTEUM.

Cannell & Sons' Complete Seed Guide.

H.P. Hardy Cyclamen—In the rockery, perhaps, there is no prettier plant grown; it has the advantage of reproducing itself by setting its own seedlings for the coming year. $\frac{1}{4}$ to $\frac{1}{2}$ ft. 1s. per pkt.

G.P. Cyclamen Persicum Giganteum—White, with purple base. $\frac{1}{2}$ ft. 1s. 6d. and 2s. 6d. per pkt.

G.P. Cyclamen Persicum Grandiflorum— $\frac{1}{2}$ ft. 1s. 6d. and 2s. 6d. per pkt.



CYCLAMEN HEDERIFOLIUM (HARDY).

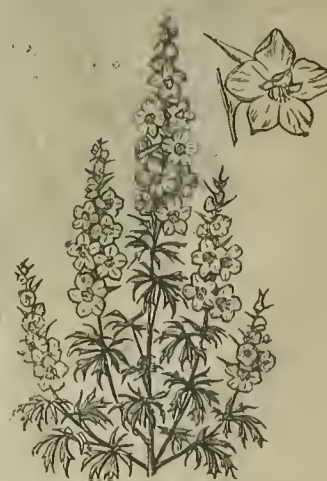
CANNELLS' DAHLIAS.

(Compositæ.)

We have been Awarded 3 Silver-Gilt and 3 Silver Medals for our Dahlias during the past two years.



CANNELLS' SINGLE DAHLIAS. FINEST EXHIBITION.



DELPHINIUM FORMOSUM.



DELPHINIUM HYBRIDUM.

Cannell & Sons' Complete Seed Guide.



CANNELL'S CACTUS DAHLIA.

H.H.P. Single Mixed — From the finest Collection in cultivation. 3 to 4 ft. 3d. per pkt.

H.H.P. Dahlia, Double—Saved from our unrivalled collection of show kinds, and cannot fail to produce some first-class varieties. 4 ft. 1s. per pkt.

H.H.P. Dahlia, Cactus — Choicest mixed, from our best named varieties. 3 to 4 ft. 1s. per pkt.

Dahlia, Tom Thumb—The plants are of a close compact habit, and produce a dense mass of flowers of the most brilliant colours. 1 ft. 1s. 6d. per pkt.

H.H.P. Dahlia, Pompon—The pretty double bouquet Dahlias. 2½ to 3 ft. 1s. per pkt. For descriptions, see Guide.

Daisy, see Bellis.

H.H.A. Datura Chlorantha, fl. pl. (*Solanaceae*) — Golden double, scented flowers. 2½ ft. 6d. per pkt.

H.H.A. Datura Fastuosa (*The Thorn Apple*)—Double purple. 2 to 4 ft. 3d. per pkt.

H.H.A. Datura Meteloides, *syn. Wrightii* — Delicate blue and white shaded; very handsome. 2 ft. 3d. per pkt.

H.P. Delphinium Formosum (*Ranunculaceae*)—Bright blue, with white centre; one of the finest varieties of this beautiful genus. 3 ft. 3d. per pkt.

Delphinium Consolida fl. pl. (Tom Thumb)—A pretty dwarf Larkspur, with a beautiful pyramidal habit, the flowers are quite double and large, varying in colour from white, rose, purple, blue, carmine, to clear and dark shades; highly useful for flower beds, pot culture, and the market trade. 1s. 6d. per pkt.

H.P. Cannells' Delphinium Hybridum, mixed—This mixed seed is collected from one of the best collections, comprising 50 varieties. We grow half an acre. Our spikes of bloom were awarded the Silver Medal of the Royal Botanic Society, Regent's Park. 3 ft. 3d. per pkt.

See Collection in Floral Guide.

Devil-in-the-Bush, see Nigella.

W. SAPHAM, Esq., Besborough, Cork, February 22nd, 1893
I send you photograph of our house filled with Cyclamen—seed we had from you; they are so splendid I thought you would like to see what amateurs do with what you supply; they are only 15 months old. People came a long distance to see them.

Mrs. CLUTTERBUCK, Carlisle, February 13th, 1893.
My garden was by far the nicest in the road, and I want to keep up its reputation. I consider it entirely owing to your seeds being better than any of our local nurserymen's.

Mrs. TURNER, 4 Calverley Terrace, Tunbridge Wells, June 23rd, 1893.
Mr. Turner's garden in Calcutta is a great success, owing to the splendid quality of your seeds.

Mr. J. STREET, The Gardens, Cannon Hill, Maidenhead, February 4th, 1893.
Balsams, Stocks, and Asters were the admiration of all. I had some grand plants from your seed.

Mr. A. VINCE, The Gardens, Newlands Park, Sydenham, S.E., July, 1893.
Your seeds have turned out a great success, especially Cinerarias; everyone was astonished.

Cannell & Sons' Complete Seed Guide.



DATURA FASTUOSA, DOUBLE. *DATURA METELOIDES* (WRIGHTII).

H.P. *Delphinium Grandiflorum*—Beautiful blue. 2 ft. 3d. per pkt.

H.P. *Delphinium Cardinale*—Handsome species, with large scarlet and yellow flowers; quite hardy. 3 to 4 ft. 1s. 6d. per pkt.

H.P. *Delphinium Nudicaule*—Flowers produced in spikes, each blossom being an inch in length; the colour varies from a light scarlet to a shade verging closely on crimson. $\frac{3}{4}$ to 1 $\frac{1}{2}$ ft. 1s. per pkt.

H.P. *Dianthus Barbatus* (*Caryophyllaceae*), Sweet William, Cannells' *Perfection*—If it was needed, we could append 100 testimonials and extracts from the Horticultural Press of the splendour and brilliancy of our strain, and although a Sweet William, we know of no flower that requires more experience and stricter attention to produce seed that will bring forth flowers like the engraving than this plant. 1 ft. 3d. per pkt.



DELPHINIUM NUDICAULE



DIANTHUS HEDDEBURGHII DIADEMATUS FLORE PLENO.

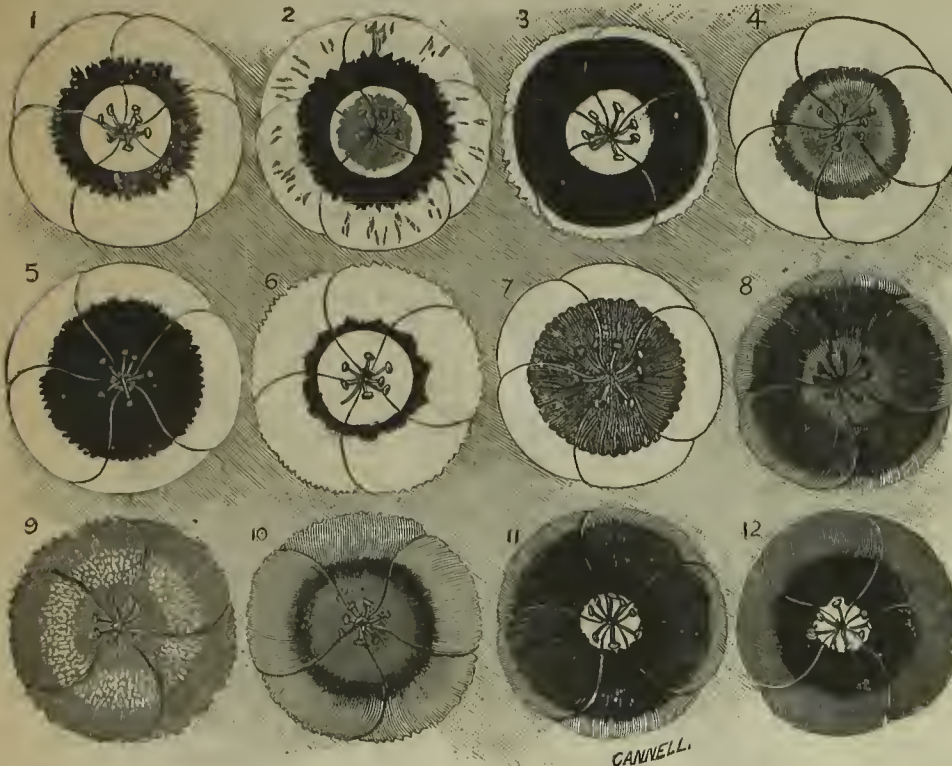


DIANTHUS HEDDEBURGHII, SINGLE.

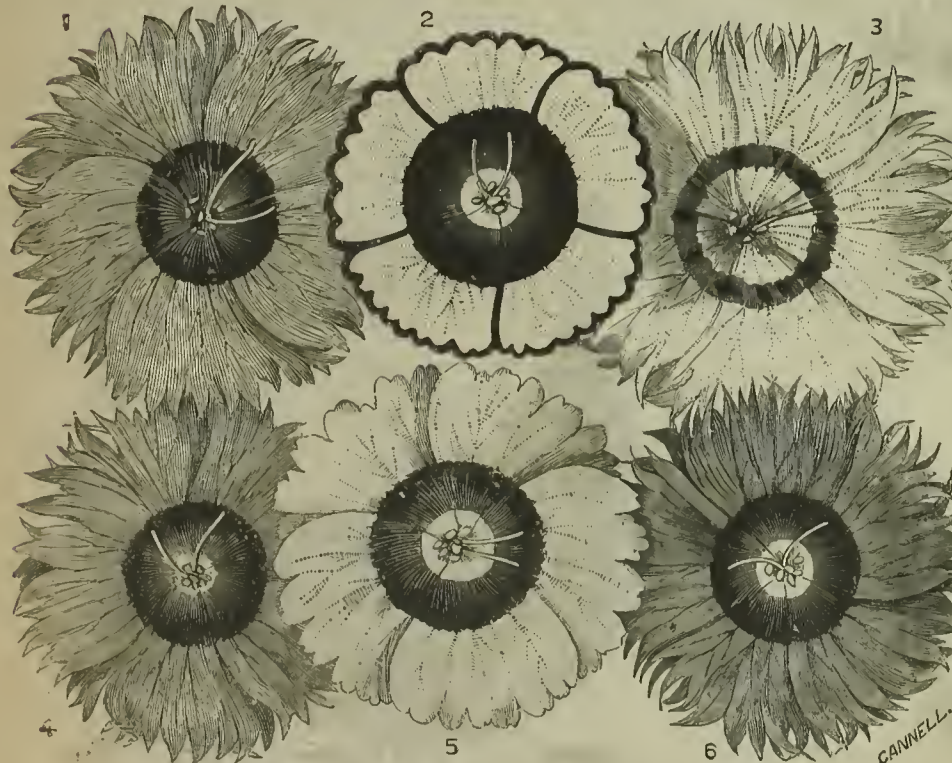


JAPANESE DIANTHUS, EASTERN QUEEN AND CRIMSON BELLE.

Cannell & Sons' Complete Seed Guide.



Dianthus Barbatus (Sweet William, Cannells' Perfection).



H.P. CANNELLS' DIANTHUS PLURIUS SINGLE, MIXED.

Although these are, amongst the *Dianthus*, and correctly so, yet they are really Single Pinks, and for all purposes of cut-flowers most lovely and beautiful. One of the easiest to grow either from seeds or cuttings, grow anywhere; are what was formerly called Rock Pinks. Strange to say, they are almost unknown. We are quite sure our customers and friends will give us great credit for bringing these improved kinds plainly before them. 1 ft. 1s. per pkt.

H.B. *Dianthus Chinensis* fl. pl. (Double Indian Pink)—Charming Biennials, well adapted for bedding purposes, if sown early and transplanted. Free blooming. 1 ft. 3d. per pkt.

H.A. *Dianthus*, Eastern Queen and Crimson Belle—These beautiful forms of the popular *D. Heddewigii* are most distinct and pleasing. *Eastern Queen* is beautifully marbled, the broad bands of reddish lake upon the paler surface of the petals are very striking and pretty. *Crimson Belle*, as its name implies, is of a rich, vivid crimson-lake colour; flowers of extraordinary size and substance; evenly and finely lacinated. 1 ft. Each, 6d. per pkt. Both colours mixed, 6d. per pkt.

H.A. *Dianthus Heddewigii*—Single, easy to grow, and very showy. 3d. per pkt.

H.A. *Dianthus Heddewigii* *Diadematus* fl. pl.—A very beautiful and valuable improvement; habit more compact and robust than that of the well-known *Dianthus Heddewigii* fl. pl.; flowers large; colours are arranged in zones, varying from lilac and crimson to richest dark purple; the edges of the petals are very beautifully fringed and margined with white. 1 ft. 6d. per pkt. Treated the same as the *Aster*.

H.P. *Digitalis* (*Scrophulariaceae*), Fox-glove, *Gloxinaeflora Improved Large Spotted*—An excellent strain, with large flowers, heavily spotted; flowers nearly equal to the *Gloxinia*. Very striking in a shrubbery. This seed is from our very best kinds. 3 to 5 ft. 3d. per pkt.

H.A. *Dracocephalum Moldavica* (*Labiatae*), Balm—Purple; very pretty. 1 to 1½ ft. 3d. per pkt.

H.H.P. *Eccremocarpus* Seaber, *syn. Calampelis* Seaber (*Bignoniaceae*)—Elegant climber; a magnificent plant for south walls, verandahs, pillars, &c. 3d. per pkt.

Egg Plant—See Aubergine.

H.H.P. *Echeverias* (*Cotyledon*) (*Crasulaceae*)—Splendid plants for bedding purposes. We have one of the largest stocks in this country. The seed is very dust-like, therefore must be barely covered with soil, and treated very carefully until the seedlings are fit to handle. To be treated the same as recommended for *Calceolarias*.

E. *Metallica*. 1½ ft. 1s. per pkt.

E. *Secunda*. ½ ft. 1s. per pkt.

E. *Secunda* *Glaucæ*. ½ ft. 1s. per pkt.

Edelweiss—See *Gnaphalium*.

Eragrostis—See Ornamental Grasses.

H.A. *Erysimum Arkansanum* (*Cruciferae*)—Sulphur yellow. 1½ ft. 3d. per pkt. Very useful for spring bedding.

H.A. *Erysimum Perofskianum*—Orange coloured flowers. 1½ ft. 3d. per pkt. Sow in the autumn for an effective display in the spring.

H.H.S. *Erythrina Crista Galli* (*Leguminosae*), Coral Tree—Bright, deep scarlet flower. 3 to 5 ft. 1s. per pkt.

H.A. *Eschscholtzia Californica*—Yellow. 1 ft. 3d. per pkt.

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DIANTHUS SINENSIS FL. PL.



EUCALYPTUS GLOBULUS.



ESCHSCHOLTZIA CROCEA FLORE PLENO.



CANNELLS' DIGITALIS (FOXGLOVE).

H.B.P. *Eryngium Amethystinum*—Remarkable for the Amethystine-bloom which the leaves assume in July, and until the approach of frost; suitable for planting in groups. 2½ ft. 3d. per pkt.

H.A. *Eschscholtzia Crocea* fl. pl. (*Papaveraceae*)—Double yellow. 1 ft. 3d. per pkt.

H.A. *Eschscholtzia Crocea*—Yellow flowers; when once introduced into the garden will sow themselves. 1 ft. 3d. per pkt.

H.A. *Eschscholtzia Mandarin*—The inner side of the petals is of a rich orange colour, and the outer side brilliant mandarin scarlet. 1 ft. 3d. per pkt.

H.A. *Eschscholtzia Rose Cardinal*—Bright rose-coloured flowers, pretty foliage; a very useful addition to our hardy annals. 1 ft. 6d. per pkt.

H.B.SH. *Eucalyptus Globulus* (*Myrtaceae*). The Blue Gum of Tasmania—This plant is said to possess the remarkable power of destroying miasmatic influence in fever-stricken districts. It also has the singular property of absorbing ten times its own weight of water from the soil; hence it is now being planted on a large scale, with a view to improving the pestilential character of marshy and other unhealthy districts. A pretty pot plant and also for sub-tropical effect. 4 to 200 ft. 3d. per pkt.



EUCARIDIUM BREWERI.

H.A. *Eucharidium Breweri* (*Onagraceae*)—Rare and truly magnificent species of dwarf spreading habit of growth and narrow lanceolate foliage. The colour of the flower is a pleasing purplish rose, shading to white in the centre; the broad obovate petals overlapping at their margins and furnished with a narrow tapering lobe from each sinus are the most remarkable feature of this distinct and truly elegant plant. It flowers very profusely, and is of the same easy culture as the different kinds of Clarkia. 1 ft. 1s. 6d. per pkt.

H.A. *Eucharidium Grandiflorum Album*—Flowers pure white. 1 ft. 3d. per pkt.

H.A. *Eutoca Viscida* (*Hydrophyllaceae*) syn. *Phacelia*—Producing very bright blue flowers; very suitable for bees. 1 ft. 3d. per pkt.

Everlasting Flowers—See *Helichrysum* and *Acroclinium*.

Fennel Flower—See *Nigella*.

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H.H.A. *Fenzlia Dianthoides* (*Polemoniaceae*)—Smothered with brilliant rose-purple flowers; very dwarf, snitable for pots, rockeries, or edgings. $\frac{1}{4}$ to $\frac{1}{2}$ ft. 6d. per pkt.

H.H.A. *Fenzlia Dianthoides Alba*—White. $\frac{1}{2}$ ft. 6d. per pkt.

G.P. Ferns—Mixed, from the best greenhouse and stove kinds 1s. 6d. and 2s. 6d. per pkt.

Feather Grass—See *Stipa*.

Ferns—Best hardy mixed. 1s. per pkt.

Fish-bone Thistle—See *Chamaepeuce*.

Flos Adonis—See *Adonis*.

Forget-me-not—See *Myosotis*.

Foxglove—See *Digitalis*.

H.H.P. *Fuschia* (*Onagraceae*)—Saved from our splendid collection of double and single varieties. 1s. and 2s. 6d. per pkt.



SPECIMEN FUCHSIA.

PERENNIAL VARIETIES

(*Hybrida Grandiflora*).

H.P. *Gaillardia*—A lovely coloured flower, perfectly distinct to any other, and for all decoration quite a charming feature; perfectly hardy, producing abundance of flowers all the summer. For cut flowers one of the most useful plants of the garden. $1\frac{1}{2}$ ft. Mixed, 1s. per pkt.

H.H.P. *Gaillardia Pulchella Picta* (*Compositae*)—A very fine free-flowering variety, of good compact habit; the flowers, which are of a large size, are of a reddish crimson colour, bordered with citron-yellow. 1 ft. 3d. per pkt.

H.H.A. *Gaillardia Picta Lorenziana*—The ray and disc flowers of this variety develop themselves into tubular funnel-shaped florets of 3 to 5 lobes, and form handsome flower heads; it will be found very useful for cutting. The seed offered is mixed, containing sulphur and golden-yellow, amaranth-red, claret, red, and purple. $1\frac{1}{2}$ ft. Sow early in March. 6d. per pkt.



GAILLARDIA PICTA NANA.



GAILLARDIA PICTA LORENZIANA.



GLADIOLI.

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H.P. *Gentiana Acaulis* (*Gentianeae*)—Beautiful hardy plant, exceedingly free, will grow almost anywhere; it forms dense masses of dark green foliage, from which protrude large deep blue flowers; it continues in bloom from spring for a long time. A bed or line of this lovely plant once seen in bloom will never be forgotten. $\frac{1}{4}$ ft. Seed germinates slowly. 3d. per pkt.

Geranium—See Zonal Pelargonium.

H.P. *Geum Atrosanguineum* fl. pl. (*Rosaceae*) — Handsome continuous-blooming border plant, large double flowers of a dazzling scarlet. 3d. per pkt.

H.P. *Geum Coccineum Grandiflorum*—Scarlet; very fine. $1\frac{1}{2}$ ft. 3d. per pkt.

H.A. *Gilia* (*Leptosiphon*) *Achilleæfolia* (*Polemoniaceae*)—Beautiful annual when grown in masses; much prized for rockwork. 1 ft. 3d. per pkt.

H.A. *Gilia Liniflora*—A new pretty species from California. 1 ft. 3d. per pkt.

H.A. *Gilia Minima Cœrulea*—A very pretty miniature annual. $\frac{1}{2}$ ft. 3d. per pkt.



GILIA TRICOLOR.

H.A. *Gilia Tricolor*—White and purple. 1 ft. 3. per pkt.

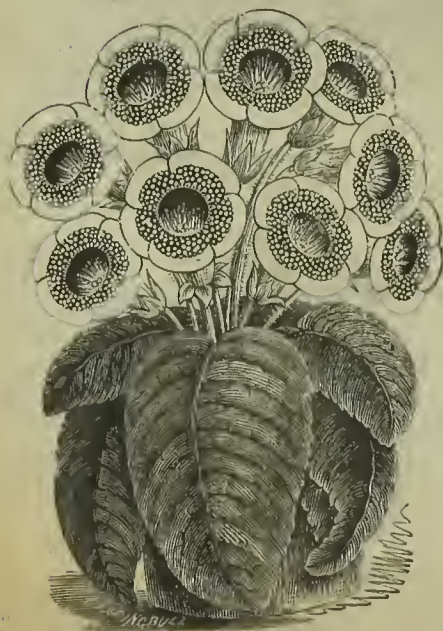
H.A. *Gilia*—Mixed. 3. per pkt.

H.P. *Gladiolus* (*Iridaceae*)—Mixed. Perfectly hardy garden varieties. therefore saving the trouble of housing them from the frost. 2 to 4 ft 6d. per pkt.

H.H.P. *Gladiolus*—Choice mixed; saved from the best hybrids of Gandavensis. 3 to 4 ft. 1s. per pkt.



PERENNIAL GAILLARDIA.



GLOXINIA RECURVÆFOLIA.



CANNELLS' GLOXINIA, FINEST SPOTTED.

G.P. **CANNELLS' GLOXINIA** (*Gesneraceae*).

Whenever these gorgeous flowers are at the zenith of their perfection. it would be difficult to imagine anything more beautiful, and as they can be easily flowered twice a-year, it is surprising that they are not more generally grown.

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Erecta—The best erect, flowering kinds. $\frac{3}{4}$ ft. 2s. 6d. per pkt.; smaller pkt., 1s. 6d.

Pendula—Drooping flowers. $\frac{3}{4}$ ft. 2s. 6d. per pkt.; smaller pkt., 1s. 6d.

Spotted—We have a charming strain 2s. 6d. per pkt.; smaller pkt., 1s. 6d.

To be sown in a brisk heat at any time during February, and grown on vigorously, and they will flower abundantly during summer and autumn, and make extra strong roots by winter.

Many who saw our 100-ft. house last season filled with the above in all their various forms will confirm the splendid sight, size of flower, and the surprising glare of colour; in fact, many exclaimed, "These are grand flowers! they beat Roses." And, like all other choice flowers, every bloom selected for seed is hybridised with the greatest possible care. The brilliancy and beauty of the spotted kinds is perfectly marvellous. See *Floral Guide* for our grand collection.

G.P. Grevillea Robusta (*Proteaceæ*)—Exceedingly graceful for table decoration. In the conservatory and sub-tropical garden they rank foremost as fine foliage plants. Seed should be sown in peat. 3 to 5 ft. 1s. per pkt.

H.P. Gnaphalium (Leontopodium) Alpinum (*Compositæ*), Edelweiss—The famous and true *Edelweiss* of the Alps. The flowers are of downy texture and pure silver white; it thrives best in calcareous soil, with full exposure to the sun; quite hardy. $\frac{1}{2}$ ft. 1s. per pkt.



GNAPHALUM LEONTOPODIUM (EDELWEISS).

CANNELLS' SELECTED GODETIAS.

H.A. Godetia Bijou (*Onagraceæ*)—The dwarfest, of very bushy habit; flowers pure white, marked with a dark rose spot. $\frac{3}{4}$ ft. 6d. per pkt.

H.A. Godetia, Princess of Wales—Ruby-crimson, pencilled with pale rose and silver-grey. $1\frac{1}{4}$ ft. 3d. per pkt.

H.A. Godetia, Lady Albemarle—Superb variety, dwarf, brilliant crimson coloured flowers; most magnificent. 1 ft. 3d. per pkt.



GODETIA, LADY ALBEMARLE.

H.A. Godetia, Lady Albemarle Compacta—A dwarfier and more compact form of the preceding brilliant variety; particularly fine and showy. 1 ft. 3d. per pkt.

H.A. Godetia, The Bride—A very pretty variety. Should be grown in every garden. $1\frac{1}{2}$ ft. 3d. per pkt.

H.A. Godetia, Duchess of Albany—The plants are of handsome pyramidal growth, branching from the bottom, and producing large clusters of *Oenothera*-like flowers of a beautiful glossy, satiny, white, each about 4 ins. when fully expanded. 1 ft. 6d. per pkt.

H.A. Godetia Rosea Alba—Has a bright crimson spot on each petal, which has a peculiarly pretty effect. $1\frac{1}{2}$ ft. 3d. per pkt.

H.A. Godetia Whitneyi—Very attractive; flowers varying from flesh colour to crimson. 1 to $1\frac{1}{2}$ ft. 3d. per pkt.

Godetia, White Pearl—New dwarf pure white variety, reproducing itself true from seed. Its individual flowers are not quite so large as those of *G. Duchess of Albany*, but equally as pretty, and of the same satiny-white. On account of its very regular compact growth, it is best adapted for dwarf beds or borders. 6d. per pkt.



GODETIA, DUCHESS OF ALBANY.

H.A. Godetia—Very showy, summer flowering; mixed. 3d. per pkt.

Golden Feather—See *Pyrethrum*.

Gourds—See *Vegetable Seeds*.



GOMPHRENA GLOBOSA NANA COMPACTA.

H.H.A. Gomphrena Globosa Nana Compacta (*Amarantaceæ*). Everlasting—Purple, dwarf; is the best everlasting flower that has been introduced for many years. A gem for pot culture. 3d. per pkt.

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H.H.A. *Gomphrena Globosa* (Globe Amaranthus)—Highly prized for their heads of flowers, which will retain their beauty for months. Various shades of purple. The seeds to be treated the same as Balsams 1½ ft. 3d. per pkt.

Grasses, Ornamental—See Collection.

H.P. *Gynerium Argenteum* (*Gramineæ*), Pampas Grass—Producing large, feathery plumes; useful as single specimens on lawns. 4 to 5 ft. 6d. per pkt.

H.A. *Gypsophila Elegans* (*Caryophyllææ*)—Very graceful habit; flowers rosy-white. 1½ ft. 3d. per pkt.

H.A. *Gypsophila Elegans Rosea*—Producing attractive rose-coloured flowers. 2 ft. 3d. per pkt.

H.A. *Gypsophila Muralis*—Very dwarf; useful for rockwork and edgings. ½ ft. 3d. per pkt.

H.P. *Gypsophila Paniculata*—Charming plants, covered with small white flowers; very handy for table decoration, &c. Much used in Paris. 2 to 3 ft. 3d. per pkt.

Heartsease—See Pansy.

H.H.P. *Helenium Pumilum*—Bright yellow flowers, useful for cutting purposes. 1½ ft. 3d. per pkt.

H.A. *Helianthus* (*Compositæ*) Sunflower, Annuus, Double—3d. per pkt.

H.A. *Helianthus Californicus* fl. pl.—Large flowers; effective. 5 ft. 6d. per pkt.

H.A. *Helianthus Citrinus*—This very desirable plant for large gardens, shrubberies, and sub-tropical effects, is of branching habit, about 4 ft. high; flowers are a medium size, with pale yellow ray and dark disc; exceedingly pretty, quite distinct from all other varieties. 6d. per pkt.



HELIANTHUS ANNUUS GLOBOSUS FISTULOSUS (DOUBLE SUNFLOWER).

H.A. *Helianthus Annuus Globosus Fistulosus*—Flowers of a globular outline, from 12 to 18 inches in width, of a rich saffron yellow. The best of all the doubles; no comparison to those mostly seen. 5 to 6 ft. 1s. per pkt.

H.A. *Helianthus*, Primrose—Coloured; very distinct, bearing beautiful large single flowers, with a dark centre. 5 ft. 6d. per pkt.

H.A. *Helianthus Cucumerifolius*—New, very neat in habit, pretty; small, single yellow flowers, with black centre; very decorative. 3½ ft. 6d. per pkt.

H.A. *Helianthus Uniflorus*—Immense single yellow flowers, large dark centre. 6 to 8 ft. 6d. per pkt.

H.A. *Helianthus* (Single Sunflower)—All the finest single varieties; mixed. 4 to 6 ft. 3d. per pkt.

These wonderful Sunflowers are very attractive, admirably adapted for intermingling in shrubbery borders and in groups for distinct effect and for naturalisation in semi-wild situations.

H.H.A. *Helichrysum Bracteatum* Album—White. 3d. per pkt.



HELICHRYSUM BRACTEATUM.



HELICHRYSUM (EVERLASTING).

H.H.A. *Helichrysum Monstrosum* fl. pl. (*Compositæ*)—Choice mixed; fine large flowers. These are known as Everlasting Flowers, and as cut dried blooms are largely used for church and house decorations at Christmas festivals and other important occasions; also for winter bouquets, in which, to conduce to general effect, it is advisable to have some varieties of the Ornamental Grasses. (See page 117.) It is necessary, when cutting the flowers for drying for winter use, to pluck them before the flower-bud is expanded, otherwise they may have a tendency to seed, and present a somewhat ragged appearance. 3d. per pkt.

H.H.A. *Helichrysum* (*Helichrysum*) *Bracteatum* (*Compositæ*)—Everlasting. Dwarf, yellow. 3d. per pkt.

H.P. *Helleborus Niger* (The Christmas Rose)—1s. per pkt.



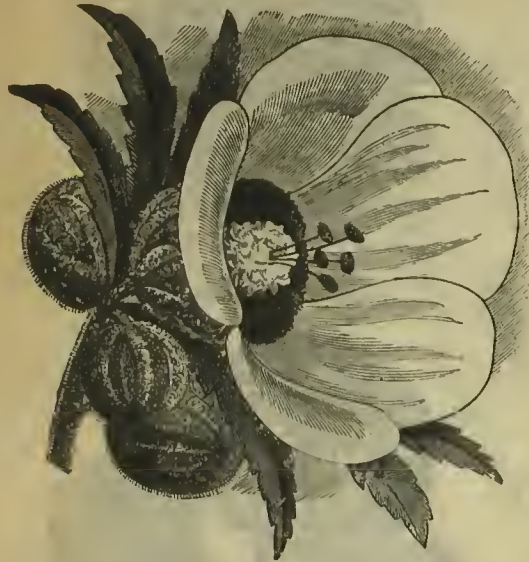
HELIOTROPIUM

H.H.P. *Heliotropium* (*Boraginææ*), Cherry Pie—Finest large flowering varieties; mixed. 1 to 2 ft. 6d. per pkt.

H.H.A. *Helipterum Sandfordi*, *syn. Humboldtianum* (*Compositæ*)—Everlasting flower. 1 to 2 ft. 3d. per pkt.

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H. H. *Hesperis Matronalis Candidissima* (*Cruciferae*), Rocket—White flowered, and has a sweet perfume towards evening. 2 to 3 ft. 3d. per pkt.



HIBISCUS TRIONUM.

H. H. P. *Hibiscus Coccineus*—Large magnificent flowers of a bright carmine-red, one of the finest plants for bedding out, and blooms more freely than the *Chinese Hibiscus*. 4 to 5 ft. 6d. per pkt.



HESPERIS (ROCKET).

H. A. *Hibiscus Trionum* *syn. Africanus* (*Malvaceae*)—Abundance of lovely creamy-white flowers (measuring about 2 inches across), with intense dark throat, nearly black; much admired; sow in gentle heat in March, plant out in May. 3d. per pkt.

H. P. *Hollyhocks* (*Althæa* fl. pl. vars.)—The distinctive character and massive beauty of the Hollyhocks render them unrivalled as a picturesque relief to the background of evergreen shrubs. For distinct effect in large groups they are matchless; they also form a showy and effective outline in flower gardens and borders, and an admirable boundary line for extensive avenues in park scenery. The seed offered has been saved from our exhibition flowers, and cannot fail to produce first-class varieties. 5 to 6 ft. 1s. and 2s. per pkt.

Sow in February in a moderate heat, and grow on quickly, and again in August. These kept in a cold frame all the winter, and planted out in March make the best display.

Honesty—See *Lunaria biennis*.

A. C. *Humulus Japonicus* (*Urticaceae*)—Japanese climbing hop, of very rapid growth, luxuriant foliage, and one of the best plants for covering verandahs, trellis work, &c., &c. 10 ft. 6d. per pkt.

Humulus Japonicus fol. variegatus—A very attractive variety of the *Japanese Hop* with beautiful silvery-white, variegated, or blotched leaves. It is as hardy and of the same vigorous growth as the green-leaved species; will prove to be an admirable and decorative climbing plant, well adapted for covering fences, rustic arches, &c.; 80 per cent. come true from seed. Per pkt., 1s.

H. H. B. *Humea Elegans* (*Calomeria Amarantoides*) (*Compositae*)—A well-known and very useful decorative garden plant, producing large graceful plumes of rose-tinted flowers. Superior in appearance to the *Tobacco Plant*, the leaves having a distinct and powerful perfume. Also valuable for conservatory or room decoration in winter if lifted before the frost. 5 ft. 1s. per packet.

H. H. B. *Humea Elegans Alba*—Uncommonly free-flowering, graceful habit, dark green foliage, pure white flowers; very novel. 5 ft. 1s. per pkt. Sow in August, and place in a warm pit or greenhouse; shift into larger pots until bedding-out time. If large, fine specimens are required, they must never become pot-bound.

H. H. B. *Hyacinthus Candicans*, *syn. Galtonia Candicans* (*Liliaceae*)—A noble bulbous plant, with narrow leaves, and bearing from 18 to 20 large, white, bell-shaped flowers on a stout stem, 3 feet high; quite hardy. 3d. per pkt.

G. P. *Impatiens Sultani* (*Geraniaceae*), Balsam—One of the most distinct and beautiful of all decorative plants of recent introduction, and owing to its gorgeous colouring and profuse and continuous flowering is rapidly becoming popular. It is of neat, compact growth, almost a perpetual bloomer; in the stove it is quite at home, in warm houses it does well. The flowers are of a brilliant rosy scarlet colour, a peculiarly distinct but most effective hue, and are produced so freely that a well grown specimen appears to be quite a ball of flower. Seedlings make dwarfer and more compact plants than cuttings, and flower with much greater freedom, commencing to bloom freely when only a few inches high. Small plants, with their brilliant rosy scarlet flowers, are always in request for decorative purposes, especially for dinner table and drawing-rooms. It is also very effective grown into specimen plants. One was exhibited at the Royal Horticultural Society, measuring 3 feet 6 inches in diameter, of semi-globular form. 2 ft. 1s. and 2s. per pkt.

Impatiens Sultani (Queen Carola)—A charming variety, with salmon-rose flowers, which are freely produced, and remain a long time in bloom; it comes almost true from seed. 1s. 6d. per pkt.

H. P. *Iberis Sempervirens* (*Cruciferae*)—Pure white, large flowers; early blooming; useful for edgings, beds, and rockwork. 1 ft. 6d. per pkt.

H. H. A. Ice Plant, *Mesembryanthemum Crystallinum* (*Ficoidea*)—A singular trailing plant, with thick fleshy leaves, that have the appearance of being covered with crystals of ice; very ornamental for mixing with other plants in conservatory or flower garden. Sow in heat in March. $\frac{1}{2}$ ft. 3d. per pkt.

Indian Pink—See *Dianthus Chinensis*.



INULA ENSIFOLIA.

Inula Ensifolia—A very free flowering and showy perennial composite, forms into a neat bush, 12 to 15 inches in height; the flower heads are of a pure golden yellow, and fully $1\frac{1}{2}$ inches across; when sown early the seedlings will flower the first season. Perfectly hardy, and does well in any soil. 1s. 6d. per pkt.

H. H. A. *Ionopsidium Acaule* (*Cruciferae*)—Lilac flowers, very pretty and useful for rockwork; pots. $\frac{1}{4}$ ft. 6d. per pkt.

Ipomæa—See *Convolvulus*.

Jacobæa—See *Scneeio*.

H. A. *Kaulfussia* (*Charlieis Heterophylla*) *Amelloides* (*Compositae*)—One of the useful tribes of hardy annuals; blue. $\frac{3}{4}$ ft. 3d. per pkt.

H. A. *Kaulfussia* (*Charlieis*) *Amelloides Kermesina*—Scarlet; very showy. 3d. per pkt.

H. A. *Kaulfussia* (*Charlieis*) *Amelloides Alba*—White. 3d. per pkt.

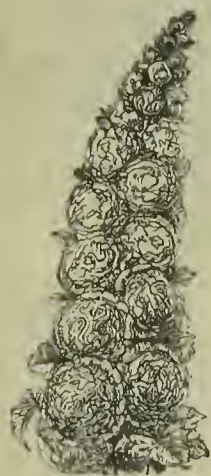
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IMPATIENS SULTANI.



LARKSPUR.



HOLLYHOCK.



LAYIA ELEGANS



LINARIA RETICULATA AUREA PURPUREA.

H.A. Larkspur Hyacinth Flowered (*Ranunculaceae*)—Dwarf and beautiful class, with double flowers. Mixed. 1 ft. 3d. per pkt.

H.A. Larkspur Bismarek (*Delphinium Consolida Robustum* fl. pl.)—Very fine; mixed. 1 ft. 3d. per pkt.

H.A. Larkspur Dwarf Ranunculus Flowered Rocket—Beautiful class, with globular flowers, spirally arranged on long elegant spikes. 1 ft. 3d. per pkt.

H.A. Larkspur Tall Double Rocket (*Delphinium Ajacis elatum* fl. pl.)—Finest. 1½ ft. Mixed, 3d. per pkt.

H.P. Lantana (*Verbenaceae*)—A beautiful plant, either for garden or greenhouse. The seed is saved from our collection, and will, in all probability, produce some splendid new kinds. Mixed. Sow in March. 6d. per pkt.

H.H.A. Lasthenia Californica *syn. Glabrata* (*Compositae*)—Bright golden-yellow flowers; early blooming; showy. 1 ft. 3d. per pkt.

Lathyrus Odoratus—See Sweet Pea.

H.P. Lathyrus Latifolius (*Leguminosae*) (Everlasting Pea)—Red. 6 ft. 3d. per pkt.

H.P. Lathyrus Latifolius Albus (Everlasting Pea)—White 5 ft. 6d. per pkt.

H.P. Lavatera Arborea Variegata (*Malvaceae*)—A new variegated-leaved variety, quite hardy; very ornamental foliage plant. 4 to 5 ft. 1s. per pkt.

H.A. Lavatera Trimestris—Red; a splendid annual; excellent as a back ground for other plants; also very effective in shrubby borders or large masses. 3 to 4 ft. 3d. per pkt.

H.A. Lavatera, White—A white form of the preceding. 3 to 4 ft. 3d. per pkt.

H.A. Layia Elegans (*Compositae*)—A pretty and attractive little annual that ought to be more generally grown, if only for cut flower purposes. A bed or mass of this annual produces a fine effect, owing to the large quantity of bloom produced. The leaves are almost entirely hidden by the flowers. May be sown in autumn or spring, and flowers then from April to July, or from July to October. 1½ ft. 6d. per pkt.

H.A. Leptosiphon (*Gilia*) Densiflora—Flowers produced in clusters, of a bright purple. 1 ft. 3d. per pkt.

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H.A. *Limnanthes Douglasi* (*Geraniaceae*)—Yellow and white, exceedingly pretty; good for edging, clumps, &c. $\frac{3}{4}$ ft. 3d. per pkt.

H.P. *Linaria Cymbalaria* (*Scrophularineae*), Kenilworth Ivy—Rich violet, fine for hanging baskets, rockwork, &c. 1s. per pkt.

H.P. *Linaria Maritima*—A very dwarf, neat species, with small roundish foliage, and a profusion of lilac-purple flowers shaded with white at the palate; it flowers first year from seed, but more strongly the second season. $\frac{3}{4}$ ft. 1s. per pkt.

H.P. *Linaria Purpurea*—Purple. $1\frac{1}{2}$ to $2\frac{1}{2}$ ft. 3d. per pkt.

H.A. *Linaria Reticulata Aurea Purpurea* (Toad Flax)—Mixed. One of the most showy annuals in existence. 1 ft. 3d. per pkt.

H.P. *Linum Flavum*—Golden Yellow; very pretty. 1 ft. 3d. per pkt.

H.H.A. *Linum Grandiflorum Rubrum* (*Lineae*), Scarlet Flax—Splendid colour. $1\frac{1}{2}$ ft. 3d. per pkt.

H.P. *Linum Perenne*—Blue; neat border species. $1\frac{1}{2}$ ft. 3d. per pkt.

H.H.A. *Loasa Aurantiaca*, *syn. Lateritia* (*Loaseae*)—Beautiful climbing plant, suitable for trellis or wire-work. 6 ft. 3d. per pkt.

H.H.A. *Lobelias* (*Campanulaceae*).

Brighton—For general purposes, the brightest blue Lobelia ever yet sent out, and the best variety of the *Speciosa* class. 4 in. 1s. per pkt.

Blue Stone—True, clear blue, without eye. 5 in. 1s. per pkt.

Crystal Palace Compacta—Deep blue; excellent for edgings and carpet bedding. 4 in. 1s. per pkt.

Erinus—Blue. 4 in. 6d. per pkt.

Erinus Erecta Alba—Pure white. 5 in. 6d. per pkt.

Erinus Compacta (Goldelse)—A new variety, with golden-green foliage and bright blue flowers, thus forming a charming contrast; even as a small plant it is very attractive and of value for borders and pot culture. It is reproduced quite true from seed. 1s. per pkt.

Gracilis—Blue. 4 in. 3d. per pkt.

Speciosa—4 in. 6d. per pkt.

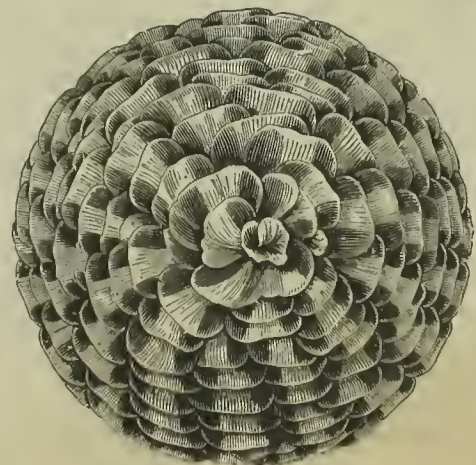


DWARF LOBELIA.



LINUM GRANDIFLORUM RUBRUM.

FRENCH MARIGOLD—CANNELLS' FIRST PRIZE STRAIN.



Cannell & Sons' Complete Seed Guide.

Perennial Varities.

H.P. *Lobelia Cardinalis*—Dark green foliage, intense red flowers. 2 ft. 1s. per pkt.

H.P. *Lobelia Fulgens Multiflora*—Deep scarlet; splendid. 2 ft. 1s. and 1s. 6d. per pkt.

H.H.P. *Lobelia Fulgens Queen Victoria*—Dark red foliage. 2 ft. 1s. and 1s. 6d. per pkt.

Love-in-a-Mist—See *Nigella*.

Love-lies-Bleeding—See *Amaranthus Candatus*.

H.H.P. *Lophospermum Seandens* (*Scrophulariaceæ*), *Maurandya Seandens*—Colour of flowers purple, the roots are fleshy and may be preserved in winter like *Dahlia* tubers, or it may be treated as an annual and grown from seed on a hot-bed, and grown out of doors during the summer months. It is a very graceful looking plant, when well grown, for trailing and hanging purposes; of quick growth. Sow in March. 4 to 6 ft. 6d. per pkt.

H.B. *Lunaria Biennis*, *syn. Annuæ* (*Cruciferae*), *Honesty*—Moonwort—Ornamental, transparent, silvery seed vessels (much used for winter decoration), purple flowers; very showy. 3d. per pkt.

H.A. *Lupinus (Mutabilis) Crulekshanki* (*Leguminosæ*)—Splendid blue and white flowers. 4 ft. 3d. per pkt.

H.A. *Lupinus Nanus*—Dwarf, blue. 1 ft. 3d. per pkt.

H.A. *Lupinus Subcarnosus*—Splendid species for beds; flowers blue and white. 1 ft. 3d. per pkt.

H.A. *Lupinus Annual Varieties*—Finest mixed. 2 ft. 3d. per pkt.

H.P. *Lupinus Perennial Varieties*—Finest mixed. 3d. per pkt.

H.P. *Lupinus Arboreus* (The Yellow Tree Lupin)—4 ft. 6d. per pkt.

H.A. *Lupinus Hartwegi*—Very pretty border species. 2 ft. 3d. per pkt.

H.P. *Lychnis Chalcedonica Alba* (*Caryophyllææ*)—Flowers white. 2 ft. 3d. per pkt.

H.P. *Lychnis Fulgens*—Very showy flowers, brilliant scarlet. 1½ ft. 3d. per pkt.

H.P. *Lychnis Chalcedonica*—Fine bold plants, with beautiful heads of scarlet. 2 ft. 3d. per pkt.

H.A. *Malope Grandiflora Purpurea* (*Malvaceæ*)—Very showy annual, forming bushes about 2 ft. high, completely covered with handsome flowers of a shiny crimson-purple, very useful for cutting, and lasts in bloom till frost sets in. 3d. per pkt.

H.P. *Malva Moschata Alba Major* (*Malvaceæ*)—The pure white flowered variety of the British Musk Mallow; an extremely pretty and attractive plant, specially well adapted for cutting purposes; quite hardy. 2 to 2½ ft. 1s. per pkt.

H.H.A. *French Marigold, CANNELLS' First Prize Strain* (*Compositæ*), *Tagetes patula*—Some blooms were sent to the *Gardeners' Magazine*, and the following is the reply:—

"H. Cannell & Sons.—Your French Marigolds are really magnificent; we have not seen anything to equal them. The colour and marking is wonderfully bright and decisive, and the form can be summed up in the one word—perfection. A few stands of bloom like those before us would present a striking contrast to, and have a great appearance amongst, other cut flowers usually exhibited at this season of the year."

Sow in March, shift into good-sized pot, plant out the first warm weather in May; they will last in bloom till the frost sets in. 1½ ft. 1s. per pkt.

H.H.A. *Dwarf French Marigold*—Selected from the choicest blooms, and dwarfest plants. 1½ ft. 1s. per pkt.

H.H.A. *Marigold, Dark African* (*Tagetes erecta*)—These produce heads of bloom of immense size; at a distance they have the appearance of *Dahlia*s; to be treated the same as *Aster*s. 3d. per pkt.

H.H.A. *Marigold, Selected African Light Lemon Colour*—Extra fine for exhibition. These are equally as fine in quality as the preceding varieties. 3d. per pkt.

H.H.A. *Marigold Aurea Floribunda*—One of the prettiest dwarf yellow bedding plants that we know. 3d. per pkt.

For other varieties—See *Tagetes*.

Marigold, Pot—See *Calceola*.

H.H.A. *Martynia Fragrans* (*Pedaliaceæ*)—Splendid; bearing fragrant crimson-purple flowers. 2 ft. 4d. per pkt.



MALVA MOSCHATA ALBA MAJOR.

H.H.P. *Marvel of Peru, Mirabilis Jalapa* (*Nyctagineæ*)—A very picturesque plant, the diversified colours contrasting well with its dark green glossy foliage; continues in bloom through the summer and autumn; the root may be preserved, like *Dahlia*s, throughout the winter; the best colours mixed. 2 ft. 3d. per pkt.

H.H.A. *Mathiola Bicornis* (*Cruciferae*), *Night-scented Stock*—Light lilac; deliciously fragrant in evening and morning, and especially after a shower. 1 ft. 3d. per pkt.



MATRICARIA.

H.P. *Matricaria Eximia Nana Aurea Crispa Compacta* fl. pl. (*Compositæ*)—Lovely little cream-coloured quilled flowers, very useful for cutting. It is one of the curled-leaved *Feverfew*s; height about 8 inches; a gem in any garden. 6d. per pkt.

H.H.P. *Maurandya Barclayana* (*Scrophulariaceæ*)—A most beautiful slender climber, producing abundance of purple and white coloured tube-shaped flowers; for trailing up pillars, wirework, &c., is one of the best plants. Sow from March to May. 6d. per pkt.

H.H.P. *Maurandya Barclayana Alba*—White. 1s. per pkt.

H.P. *Meeonopsis cambrica* (*Papaveraceæ*), *Welsh Poppy*—Thrives well on rock work; golden yellow. 1 ft. 6d. per pkt.

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H.H.A. *Mesembryanthemum Tricolor*—Lovely dwarf plants for borders or rockwork. 3d. per pkt.

H.H.A. *Mesembryanthemum Cordifolium Variegatum* (*Ficoidea*)—Foliage elegantly variegated with white; a gem for flower beds and hanging baskets. $\frac{1}{4}$ ft. 1s. per pkt.

H.A. *Mignonette*, Miles' New Hybrid Spiral—Much admired by the public generally; habit dwarf and branching, with spikes often attaining a length of from 8 to 10 inches; powerful odour. Well adapted for market purposes. 1 ft. 1s. per pkt.

H.A. *Mignonette*, Garaway's White—Much grown as a pot plant for greenhouse decoration during the winter and early spring months; the spikes are not only larger, but the individual flowers are more double and of a much purer white than other varieties, rendering it undoubtedly the best kind for winter blooming. 1 ft. 1s. per pkt.

H.A. *Mignonette*, Parson's White. 1 ft. 3d. per pkt.

H.A. *Mignonette*, Red King—The prettiest, highest coloured red, and the most distinct of the whole family. It has also a remarkably neat habit, medium flowers, just the convenient size for cut blooms, and has a charming and striking effect amongst other flowers; much more attractive than the ordinary kinds. 6d. per pkt.

H.A. *Mignonette*, Crimson. 1 ft. 3d. per pkt., 1s. 6d. per oz.

H.A. *Mignonette*, Golden Queen—A most decided golden hue, which carries a cheer into every bouquet or table decoration; wonderfully free and deliciously fragrant. 1 ft. 1s. per pkt.



MIGNONETTE, IMPROVED VICTORIA.

Mignonette, Improved Victoria—Grows only about 6 in. high, of perfectly regular pyramidal habit, and well-formed spikes. The flower is larger and of a more brilliant red than the old *Victoria*; dark glossy-green foliage; valuable for pot culture, groups, and edgings. Should be planted about 8 inches apart. 1s. per pkt.

H.A. *Mignonette*—Sweet scented. 3d. per pkt., 9d. per oz.

Mignonette, Matchet—A fine variety, undoubtedly the best for pot culture; habit extremely dwarf, thick dark green leaves, stout flower stalks, which terminate in abundant large and broad spikes of beautifully scented flowers of a bright red colour. $\frac{3}{4}$ ft. 1s. per pkt.

DIRECTIONS FOR SOWING.—Sow in the open ground in April, and in succession throughout the summer, covering the seeds about a quarter of an inch deep. For winter and spring flowering sow in August and September, in pots of loam, mixed with a little loaf mould, and protect from frost in cold frame. For early flowering sow in February and March, on a slight bottom heat. Thin out or transplant before the plants get crowded.

G.A. *Mimosa Pudica* (*Leguminosa*), Sensitive Plant—Graceful, fern-like foliage, mostly grown as a curiosity, being so sensitive that the leaves close up immediately from the slightest touch. Must be sown in heat in small pots, and reduced to one or two plants, as they suffer greatly from being transplanted. 1 ft. 3d. per pkt.

H.P. *Mimulus Grandiflorus* "Brilliant"—Bearing very large and finely formed flowers of an intense bright blood crimson colour; very free. $\frac{3}{4}$ ft. 1s. per pkt.



H.A. *Mignonette*, Cannells' Perfection (*Resedacea*, *Reseda Odorata*)—The great trial of *Mignonette*, from all parts of the world, at Chiswick brought plenty of splendidly developed specimens before the Floral Committee. The best and the worst were closely scrutinised, and all were unanimous that this was the finest variety ever yet seen in this country; and we have great pleasure in offering this very kind, which is altogether larger, bolder, and its odour more powerful, and should be grown in every garden. 1 ft. 1s. per pkt.



MESEMBRYANTHEMUM TRICOLOR.

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MIMOSA PUDICA (SENSITIVE PLANT).



NEMOPHILA DISCOIDALIS.

H.P. *Mimulus Moschatus* (Musk)—A common and well-known trailer. 3d. per pkt.

H.P. *Mimulus*, New Hybrid (Cannell's Hose-in-Hose) — An important improvement on the well-known *Mimulus*, *Hose-in-Hose*; of most compact growth and scarcely 3 in. high. The flowers appear in great abundance, and are borne but slightly above the cushion-shaped hush, which spreads close upon the ground. A fine plant for pots. 1s. per pkt.

H.P. *Mimulus*, New Hybrid, Cannell's Perfection (*Scrophulariaceae*). Moukey Flower—Single mixed. The colours and markings are extremely novel and richly spotted. $\frac{3}{4}$ ft. 1s. per pkt.

Sow *Mimulus* in heat from March to May, and as soon as they are established give them plenty of air, and, well shaded, they will then produce splendid flowers quite equal to the woodcut.

H.H.C. *Mina Lobata*, *syn.* *Ipomoea Versicolor*—The seedlings should be grown on in pots until the middle of May, and then planted in the open garden; it makes rapid growth, and producing in profusion semi-erect racemes of flowers of bright red, changing through orange-yellow to yellowish white. 12 ft. 1s. per pkt.

Mirabilis Jalapa—See Marvel of Peru.

H.P. *Morina Longifolia*—Highly ornamental, both in foliage and flowers. 3d. per pkt.

Myosotis Alpestris "Jewel"—A new large flowering variety of the compact growing *Victoria* kind. 1s. per pkt.

H.P. *Myosotis Alpestris* "Victoria"—This beautiful and distinct Forget-me-not claims a prominent place in every garden. The plant grows about 5 or 6 inches high, forming compact globular little bushes which are completely covered with neat flowers of a bright azure blue with a yellow centre. We can safely recommend it, not only for bedding and pot culture, but for cut flowers, carpet bedding and ribbon borders. 1s. per pkt.



MYOSOTIS PAGODA.

H.P. *Myosotis Dissitiflora* (*Boraginaceae*), Forget-me-not—One of the best of all of the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance, when in full flower, of a sheet of most exquisite blue; an exceedingly attractive and beautiful spring bedding plant. 1 ft. 1s. per pkt.

H.P. *Myosotis Dissitiflora Alba*—A splendid white variety. 1 ft. 3d. per pkt.

H.P. *Myosotis Pagoda*—A beautiful variety of Forget-me-not, blooms in great profusion during the spring and summer months; as a bedding variety it is unsurpassable. $\frac{3}{4}$ ft. 1s. per pkt.

H.P. *Myosotis*, Pigmy Bedder—The best dwarf of all the Forget-me-nots, a charming new spring flowering plant, very dwarf and neat in habit, flowering early in spring and continuing in bloom a considerable time; a real gem. $\frac{1}{2}$ ft. 1s. per pkt.

Sow in July or August in open ground, or in slight hot-bed in February
Nasturtiums—See *Tropaeolum*.

H.H.A. *Nemesia Versicolor Compacta* (*Scrophulariaceae*)—Very neat, bushy, profuse-blooming plants; they commence flowering when a few inches high, and continue in beauty for months. 1 ft. Mixed, 3d. per pkt.

H.A. *Nemophilas* (*Hydrophyllaceae*)—These charming and useful dwarf-growing hardy annuals have a neat, compact, uniform habit of growth, with shades and colours the most strikingly beautiful; arranged in any style which the fancy may suggest, the effect is pleasing and very striking in the extreme; sow in autumn for spring bedding.

H.A. *Nemophila Atomaria*, *syn.* *Menziesii*—White, shading to light blue, dotted with blackish spots. $\frac{1}{2}$ ft. 3d. per pkt.

H.A. *Nemophila Discoidalis*—Velvety black, edged white. $\frac{1}{2}$ ft. 3d. per pkt.

H.A. *Nemophila Insignis Grandiflora*—Lovely blue, white centre. $\frac{1}{2}$ ft. 3d. per pkt.

H.A. *Nemophila Insignis Alba*—Pure white. $\frac{1}{2}$ ft. 3d. per pkt.

H.A. *Nemophila Maculata Grandiflora*—White and violet. $\frac{1}{2}$ ft. 3d. per pkt.

H.A. *Nemophila*, Mixed. 3d. per pkt.

H.H.P. *Nertera Depressa* (*Rubiaceae*), Bead Plant—This charming little plant, with its crimson bead-like berries close to the ground, forms a dainty cushion for a carpet bed in summer, and is likewise very ornamental when grown in pots for the front of a greenhouse stage. It is also a valuable acquisition for rockwork. 2 in. 1s. per pkt.

H.H.A. *Nicotiana Atropurpurea Grandiflora*—6 ft. 6d. per pkt.

H.A. *Nigella Hispanica* (Love-in-a-Mist)—Brown and white. $1\frac{1}{2}$ ft. 3d. per pkt.

H.A. *Nolana Atriplicifolia* (*Cnvolvulaceae*)—Pretty low growing plant; blue, white, and yellow flowers. 3d. per pkt.

H.H.A. *Nycteria Zaluzianskia Selaginoides* (*Scrophulariaceae*)—Beautiful miniature plant covered with blossom, well suited for rockwork and edgings. $\frac{1}{2}$ ft. 4d. per pkt.

H.P. *Oenothera Macrocarpa*, *syn.* *Missouriensis Latifolia* (*Onagraceae*), Evening Primrose—Immense flowers of a rich yellow colour. 1 ft. 3d. per pkt.

H.P. *Oenothera Taraxacifolia*—Large and beautiful silver-white flowers; dwarf. $\frac{1}{2}$ ft. 1s. per pkt.

H.H.P. *Onopordon Acanthium* (*Cotton Thistle*)—Can be effectively used in a variety of ways, of bold habit and vigorous growth, branching stems 5 ft. high, covered with long-whitish, cobweb-like hairs, flowers purplish. 3d. per pkt.

H.H.P. *Oxalis Rosea* (*Oxalideae*)—Rosy-purple; very desirable, free bloomer. 6d. per pkt.

H.H.P. *Oxalis Rosea Alba*—Pretty pure white variety. 1s. per pkt.

H.P. *Oxlips*, *Primula Elatior* (*Primulaceae*)—Are a grand sight; their many colours and profuse flowering render them a most interesting class. 1 ft. 6d. per pkt.

Asters, Stocks, and Zinnias were good and much admired.

Pansies raised from your seed are now in bloom, and simply lovely.

I am glad to tell you the Fancy Pansy seed I had of you turned out first class.

The Annuals are again a great success. Pansies are certainly the finest I have seen in Sydney.

Mr. S. CASTLE, The Vineries, Fordingbridge, September 2nd, 1893.

Rev. S. R. WILKINSON, Marlow, May 23rd, 1893.

Mr. W. E. CORDEN, The Depot, Wakefield, August 10th, 1893.

B. H. FRIEND, Esq., Legislative Assembly, Sydney, Australia, August 26th, 1893.

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MIMULUS (HOSE-IN-NOSE).

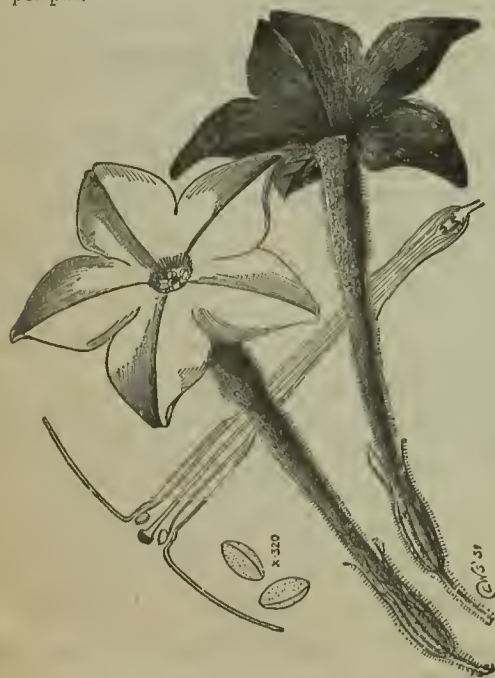


BEDDING MIMULUS.



PERFECTION MIMULUS

H.H.A. Nicotiana Colossea — Amongst ornamental foliaged plants coming to perfection the first season from being sown this ranks foremost. It is an annual (perennial when grown under glass), attaining a height of 5 to 6 ft. in the open ground. The leaves, of about 3 ft. in length by 18 to 20 ins. in breadth, are erect at first, gracefully bending down successively. When young they are downy and of a reddish tint, changing to a glossy dark green later on, this lovely green contrasting beautifully with the reddish-brown ribs. The plants being of branching habit and of robust growth, and the leaves being very tough, are never damaged by wind or rain. It is well adapted for sub-tropical gardening, either as single specimens or for groups, with other ornamental-leaved plants. 1s per pkt.



NICOTIANA VICTORIA (AFFINIS).

H.H.A. Nicotiana Macrophylla Gigantea — 6 to 10 ft. 6d. per pkt.

H.H.A. Nicotiana Victoria Affinis (*Solanaceae*), Tobacco—This is a most extraordinary plant: 1stly, because it is a Tobacco plant, and yet so different, both in growth and flowers, to the ordinary kind; 2ndly, because of its producing such splendid pure white noble flowers on long terminal tubes, with such a delicious scent; 3rdly, when its gigantic white Bouvardia-like flowers are fully expanded in the evening and early morning it has a most striking effect, and perfumes the whole surrounding atmosphere. It is, beyond doubt, the greatest novelty of the garden. In our nursery it has been the amazement of all, and the result of several hundreds of packets of seeds being sold. Very free; and only attaining the height of 2½ ft. in any ordinary soil. 1s. per pkt.

H.H.A. Nicotiana Wigandioides—Attains immense size. 10 to 12 ft. 6d. per pkt.

Tall, handsome foliage plants of rapid growth: very snitable for shrubberies, borders, or sub-tropical gardens. Other varieties can be supplied.

H.H.P. Nierembergia Frutescens (*Solanaceae*)—Valuable for pots or out of doors; flowers white, veined lilac. 1 ft. 6d. per pkt.

H.H.P. Nierembergia Gracilis—Charming plants for edgings hanging baskets, or rockwork. ¾ ft. 6d. per pkt.



NIGELLA DAMASCENA (FENNEL FLOWER).

H.A. Nigella Damascena (*Ranunculaceae*), Devil-in-a-Bush—Blue. 1½ ft. 3d. per pkt.

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Cannells' Pansies (*Viola tricolor*)—We grow the largest and most complete collection of all this family in the kingdom. Pansies and Violas form a separate department in our gardens; for years we have been improving all classes, the Rainbow section in particular. These varieties possess more real salvia blue colour than any other kinds, and are favourites with every one. The seeds we now offer—if the plants are put in open beds, previously deeply dug, and manured good ground—will be a charm indeed; they are not large, but lovely in the extreme.

H.P. Dr. Sankey's Striped—For many years this gentleman, the oldest and most successful hybridiser and raiser of flowers in the world, has so improved these kinds that they will now and for henceforth form a very distinct class: colours wonderfully bright and attractive, and gives us a new feature in Pansies. $\frac{1}{2}$ ft. 1s. per pkt.

H.P. Eynsford Sweep—The best black Pansy in cultivation. When exhibited in the great show at the Temple Gardens it caused quite a furore amongst all beholders. $\frac{1}{2}$ ft. 1s. per pkt.

H.P. Pansy—Mixed from a good strain. 6d. per pkt.

H.P. * Pansy, Fancy—Our collection is one of the finest and largest in the kingdom, flowers possess most beautiful markings, and blotched with more brilliant and curious colours than we have in any other flower. $\frac{1}{2}$ ft. 1s. and 2s. 6d. per pkt.

* It should be distinctly understood, and undoubtedly so, that many mistakes and disappointments arise from the name "SHOW PANSY," for that title is misleading to young beginners and amateurs. The Pansy shown under that heading is very small and of only one or two colours, and but seldom shown at exhibitions, nowadays. Formerly it was the only class of bloom staged; but since the introduction of the "Fancy Pansy" they have quite excelled the old "Show." Many persons therefore think because the Fancies are the only kinds met with at all the large exhibitions they are "Show Pansies." That is not so, for the difference between them are as distinct as Show and Fancy Dahlias. One is limited to a few colours, whereas the other has a much wider range of colour, and also larger flowers and broader petals, the markings not so even and regular in their colouration as the old Show Pansy. We wish all our customers to make themselves thoroughly acquainted with these observations when ordering their Pansy Seed.

Seeds in either 6d.,
1s., 2s. 6d., or 5s.
packets are all
exactly of the same
quality.



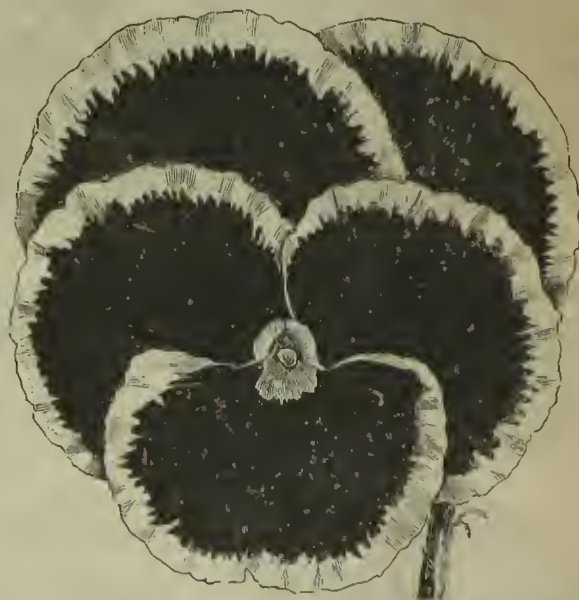
RAINBOW PANSY.

H.P. Pansy Rainbow—No Pansies are so lovely and elegant as these, not on account of their great size as their surprising colours, almost every shade can be seen in them; but a bright blue and purple prevails blended one into the other, hence its name; they are most deliciously scented and free flowering, and the surprise of all, in our opinion they will give something more than satisfaction. $\frac{1}{2}$ ft. 1s. and 2s. 6d. per pkt.

H.P. Pansy Show, Extra Choice, Mixed—Saved from our acre of Pansies, the finest collection in the South of England. $\frac{1}{2}$ ft. 1s. and 2s. 6d. per pkt. See Collection.

H.P. Pansy Snow Queen—We have many white Pansies, but none can compare with this; it is so white and pure that all others appear dirty when planted by the side of it; therefore the effect is most pleasing. It is certainly one of the best novelties introduced amongst Pansies for years. 4 in. 9d. per pkt.

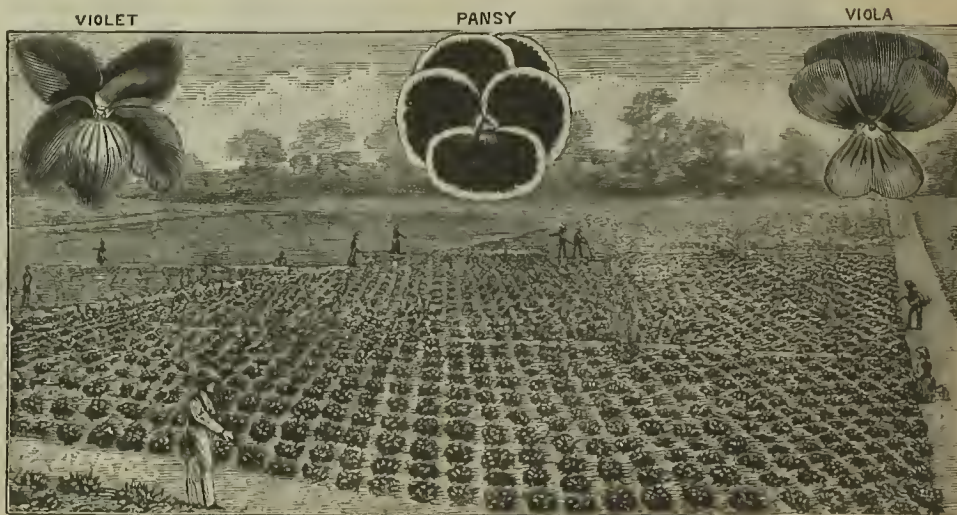
H.P. Pansy Trimardeau (*Viola tricolor maxima*)—An entirely distinct and beautiful new race, which will commend itself to all lovers of this popular flower. The plants are of vigorous though compact habit, the flowers carried well, and each one is marked with three large blotches or spots; they are exceedingly large, and most varied shades of colour. $\frac{1}{2}$ ft. 1s. and 2s. 6d. per pkt.



CANNELLS' IMPROVED FANCY PANSY.



STRIPED PANSY



VIOLET

PANSY

VIOLA

OUR FIELD AT EYNSFORD.

Cannell & Sons' Complete Seed Guide.

CANNELLS' RE-SELECTED PAPAVERS.



PAPAVER NUDICAULE (ICELAND POPPY).

Papavers, or Poppies (*Papaveraceæ*)—All those who want the gayest garden with the least trouble and expense, by all means try a packet of our Poppy. Simply scatter the seed over the ground, one hoeing, and you will have ten rods of ground a mass of colour for months; ours was a grand sight last year.

Papaver Alpinum Roseum—Of the same dwarf habit as the white, yellow, and orange varieties already in commerce, but of a beautiful rose colour; a fine addition to this already charming class of Alpine Poppies. 1s. per pkt.



PAPAVER DANEBROG.

H.P. Papaver Bracteatum—Red, with black blotches. 2½ ft. 3d. per pkt.

H.A. Papaver Caryophylloides (Carnation Poppy)—Finely fringed edge; very pretty. 2 ft. 3d. per pkt.

H.A. Papaver Danebrog (Danish Flag Poppy)—Of striking effect. The flowers are of a brilliant scarlet colour, bearing on each of the four petals a large silvery white spot, forming thus a white cross on scarlet ground, similar to the Danish and Swiss national banners. Very desirable and showy. 1 ft. 3d. per pkt.

H.A. Papaver Glaucum (Tulip Poppy)—New and very showy annual Poppy, about 2 feet high, with glaucous foliage and fine shaped large flowers of the most brilliant deep scarlet. The flowers, 4 inches in diameter, keeping their beauty for several days, and the buds expanding each day, the plants are continually in full bloom during the greatest part of the summer. The two outside petals are of double the size than the inside ones, so that each couple form a round cup by themselves, and resemble somewhat the early flowering single Tulips. Seeds are of slow germination. 1s. per pkt.

H.A. Papaver Murselli, Mikado—Beautifully cut and fringed; colour, at the back white, edges crimson scarlet. 2 ft. 3d. per pkt.

H.P. Papaver Nudicaule (Iceland Poppy)—Mixed or in separate colours. 6d. per pkt.



PEONY-FLOWERED POPPY.



PAPAVER UMBROSUM.

Papaver Nudicaule Coccineum fl. pl.—New double-flowering form of the bright orange-scarlet variety of the *Iceland Poppy*, producing about 40 to 50 per cent. of true plants with perfectly double flowers. The different varieties of this lovely Poppy, ranging amongst the most attractive of early flowering perennials, and having become great favourites in all countries, we think that this new variety will be greeted as a valuable addition to this tribe. 1s. per pkt.

H.A. Papaver Somniferum Fimbriatum (Double-fringed Garden Poppy)—These produce a great variety of colour, and make a grand display. 2½ ft. 3d. per pkt.

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CANNELLS' SELECTED SHIRLEY POPPIES—MOST LOVELY COLOURS.

H.A. *Papaver Somniferum Fimbriatum* (Double White)—
2½ ft. 3d. per pkt.

H.P. *Papaver* (Poppy) *Umbrosum*—The most beautiful dwarf
single Poppy; somewhat resembles the ordinary field kind in growth, but a
most vivid red, with a large intense black blotch at the base of each
petal, rendering it most striking and surprising; it is really one of the
best. 1 ft. 3d. per pkt.

The seed should be sown in the autumn, grown on through the winter,
and planted out in early summer. They will then make a grand display.
(Applies to *P. Umbrosum* and *Iceland* varieties only.)

H.A. *Papaver Lævigatum*—Fine-shaped large flowers, 4 inches in
diameter, of a brilliant deep scarlet with black spots, surrounded by a white

margin at the base of each petal. The two outside petals of the flowers are
twice the size of the inside ones, so that each couple form a round cup by
themselves; very free flowering and extremely showy. 1½ ft. 6d. per pkt.

H.A. *Papaver Mephisto*—Prettily fringed; red, black, rose, and
white. 2½ ft. 3d. per pkt.

H.P. *Papaver Orientale*—Deep scarlet with black blotches; a grand
border plant. 2½ ft. 3d. per pkt.

H.A. *Papaver Pavonium* (Peacock Poppy)—The most striking
feature of the flower is the conspicuous glossy black zone which marks the
petals near the base, the united hands forming a complete ring, which
shows to a great advantage on the brilliant scarlet ground colour, during
the early part of the day. When fully expanded they are nearly four
inches across, and are borne in considerable numbers. 6d. per pkt.

Cannell & Sons' Complete Seed Guide.



PAPAVER NUDICAULE COCCINEUM FL. PL.

H.A. Papaver Pæoniflora (Pæony-flowered Poppy)—These showy double-flowering Poppies are well known as effective additions to mixed borders and large gardens and for ornamental shrubberies. 3 ft. Finest mixed, 3d. per pkt.

H.P. Papaver Prince of Orange—Pretty. 6d. per pkt.

Poppy Welsh—See Meconopsis.

H.P. Papaver Salmon Queen—Distinct. 6d. per pkt.

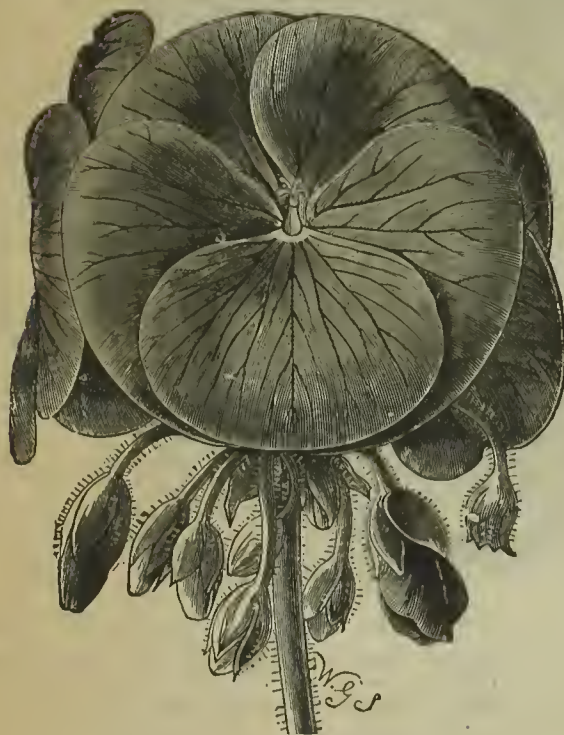
H.A. Shirley Poppy (*Rhæas*, vars.).—Of all the Poppy tribe the Shirley strain gives us the loveliest of colours, combined with exquisite form and the most remarkable floriferousness. To have the plants at their best, and flowers in finest form, seed should be sown quite early in September, so that the plants may be dished out singly some 15 or 18 inches apart in good rich soil, although seed sown in spring does very well indeed if sown *very thin*. 1½ ft. 3d. and 6d. per pkt.



OUR ZONAL PELARGONIUMS.

ALWAYS IN FLOWER.

SEE "FLORAL GUIDE."



CANNELLS' ZONAL PELARGONIUM.

Peas—See Sweet Peas.

Pelargonium, Fancy—The choicest. 1½ ft. Mixed, 2s. per pkt.

Pelargonium, French Spotted—2 ft. 2s. per pkt.

Pelargonium, Gold Bronze—1½ ft. 2s. 6d. per pkt.

Pelargonium, Show—The finest large Flowering sorts. 2 ft. Mixed, 2s. per pkt.

Pelargonium, Zonal (*Geraniaceæ*)—Without doubt we have the finest and best collection of Zonal Geraniums in the world—both men and houses are entirely devoted to their culture. One large house contained upwards of 600 specimen varieties, exclusively for trial and seeding. The number being gradually reduced to 200 of the very choicest, including many of those now offered for the first time in this Catalogue, we can therefore confidently say the seed now offered is far superior in quality to any other yet introduced to the public, and cannot fail to bring forth some startling improved varieties, as it is carefully hybridised with only the very choicest kinds, and every known method of fecundation is adopted to effect thorough crosses. 2 ft. 1s. per pkt.

Pennisetum—See Ornamental Grasses.

H.P. Pentstemons (*Scrophularinææ*)—Saved from our own Catalogue collection, which embraces all the best up to the present, including every new variety, and cannot fail to produce flowers of superior quality. 1s. per pkt.

H.P. Pentstemon Azureus Jaffrayanus—A beautiful and valuable herbaceous perennial, erect spikes of rich azure blue flowers, produced continuously from June to the end of December. 1½ ft. 1s. per pkt.

H.P. Pentstemon Murrayanus—A beautiful rich scarlet-coloured variety. 2 ft. 6d. per pkt.

Sow in March in pans, using light soil, and place in a dark frame and gentle heat; prick out into other pans when strong enough to handle, and continue to grow on freely in heat until established, then gradually harden off. By the end of May they can be planted out 18 inches apart, into good soil and open situation.

H.H.A. Perilla Nankinensis (*Labiata*)—A distinct and useful ornamental plant; leaves dark reddish mulberry; desirable for masses and lines in flower gardens. 1½ ft. 3d. per pkt.

H.A. Phacelia Campanularia (*Hydrophyllaceæ*)—In habit it resembles the well-known *Whitlavia grandiflora* (which is now placed by botanists in the genus *Phacelia*), but has a much more spreading and bushy habit of growth, and is therefore more floriferous; an average plant will cover nine square inches of ground. The greatest attraction of the plant consists in its large and numerous flowers, of the finest deep gentian satiny blue, of a shade rivalling that of *Salvia patens*, produced in terminal racemes of from 12 to 20 blossoms, which are developed in succession. Each flower is about three-fourths of an inch across, of an erect campanulate form, with a spreading five-lobed limb, and short funnel-shaped tube, marked in the throat with fine ohlong white spots. 1 ft. 6d. per pkt.

Cannell & Sons' Complete Seed Guide.

H.P. *Physalis Alkekengi* (*Solanaceae*), Winter Cherry—A curious perennial, with white flowers, succeeded by numerous transparent red berries. 3d. per pkt.

Picotee—See Carnations.

H.P. Pink (*Dianthus*) (*Caryophyllaceae*)—All from our unrivalled collection, saved only from splendid flowers, and cannot fail to produce some first-class new varieties. 1 ft. See Collection in Floral Guide. 2s. 6d. per pkt.

Sow the seed about May, and treat the same as recommended for Carnations.



PINK MODEL BLOOM.

H.P. *Polemonium Cæruleum* (*Polemoniaceae*), Charity, Greek Valerian, Jacob's Ladder—Elegant fern-like foliage. 2 ft. 3d. per pkt.

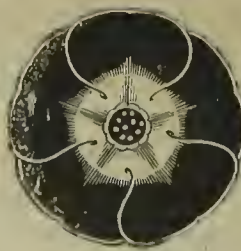
H.P. *Polemonium Album*—White. 2 ft. 3d. per pkt.



POLYANTHUS.

H.P. *Polyanthus* (*Primulaceae*)—Named varieties. $\frac{1}{2}$ ft. Choice mixed. 1s. per pkt.

H.P. *Polyanthus* (Gold Lace)—We have great pleasure in offering seeds of our well-known choice collection, the best in the south of England. $\frac{1}{2}$ ft. 1s. and 2s. 6d. per pkt.



THE CHOICEST COLLECTION OF POLYANTHUS IN ENGLAND.



POLYANTHUS, HOSE-IN-HOSE.

Sow in pots from February and place in a gentle heat, when the seedlings are strong enough prick out into other pans, and when well established harden off. Transplant in a shady border, free from drip, 6 inches apart.

H.P. *Polyanthus*, Hose-in-Hose—Finest mixed. 1s. 6d. and 2s. 6d. per pkt.

H.H.P. *Cannells' Petunia* (*Solanaceae*)—It is surprising this family is not more largely grown, considering how easy they are to cultivate, and if well grown, what grand things they are, both for decoration and exhibition. Treat them similar to a Verbena; choose nice young plants about March, or any time up to July; give them good shifts and rich soil, well stake out, and you will be highly gratified, for some are certainly surprisingly large; colours not equalled by any other flower. The finest varieties ever offered.

H.H.P. *Petunia Hybrida*—Finest mixed for bedding. 6d. per pkt.

Cannell & Sons' Complete Seed Guide.

H.H.P. Petunia Hybrida Grandiflora Violacea fl. pl.— Handsome and distinct variety of the largest flowering class, with deep violet flowers. About 30 per cent. of the seedlings bear double flowers, and the remaining single ones are of the same rich and effective shade of colour. 1s. 6d. per pkt.

H.H.P. Petunia Hybrida Nana Compacta (Dwarf Inimitable Petunia)—Each plant forms a complete and densely branched bush, 5 to 8 inches high by as much in diameter, resembling a naturally-grown bonquet. Flowers a brilliant cherry-red, and each one is marked with a regularly-formed white star. Profuse bloomer; seedlings, when only 3 inches in height, begin to unfold their charming flowers. 1s. per pkt.

H.H.P. Petunia Grandiflora Fimbriata—Flowers are of great size; the colouring of the throat extends to the middle of the petals. Unusually beautifully veined, and the colouration of flowers rose, crimson, and purple lines, which reflect a metallic tinge. 1s. and 2s. per pkt.

H.H.P. Petunia Nana Compacta Multiflora fl. pl. (Lilliput, double)—Producing dwarf and dense bushes upon which are borne very numerous and exceedingly pretty small double flowers of the most charming shades of colour; they are in part spotted and striped, and part self-coloured, giving the plant a very pleasing appearance. 1s. and 2s. per packet.

H.H.P. Petunia Grandiflora Fimbriata fl. pl.—Large-flowering double-fringed Petunias. 1s. 6d. and 2s. 6d. per pkt.



PETUNIA HYBRIDA NANA COMPACTA.



Cannell's Double Petunia.

Mr. F. BROWN, The Gardens, Parkside, Corsham, September, 1893.
I must tell you all your seeds have given us great satisfaction, especially the Petunias and Pelargoniums.

Cannell & Sons' Complete Seed Guide.

CANNELLS' RE-SELECTED PHLOX DRUMMONDII.



CANNELLS' PHLOX DRUMMONDII.

H.H.A. Phlox Drummondii Grandiflora (*Polemoniaceae*)—These comprise the most brilliant colours imaginable; the flowers are larger than those of the older kinds, and of finer substance. We consider it safe to observe that there is no known annual which will more amply repay any care bestowed upon it. 1 ft. The finest mixed, 1s. per pkt.

H.H.A. Phlox Drummondii Grandiflora Alba—Flowers pure white; very useful where cut flowers are in demand. 1 ft. 1s. per pkt.

H.H.A. Phlox Drummondii Grandiflora Splendens—Refnlgent scarlet-red flowers, rendered further remarkable by a large white eye, the centre of which is encircled with a well-defined violet edge. 1 ft. 1s. per pkt.

Phlox Drummondii Isabellina fl. semipleno.

Phlox Drummondii purpureo-marmorata fl. semi-pleno.

Two new semi-double flowering varieties, the former with pale yellow, the latter with dark purple, rose marbled flowers. They reproduce the selves true from seed, each colour separate. 1s. per pkt.

Phlox Drummondii Lutea fl. pl.—A very pretty yellow flowering variety, comes quite true from seed, and possesses a slight perfume. In order to produce the best double flowers these Phloxes should be grown in light soil. 1s. per pkt.



PHLOX DECUSSATA



PHLOX DRUMMONDII FL. SEMIPLENO.



CANNELLS' RE-SELECTED PHLOX DRUMMONDII.

H.H.A. Phlox Drummondii (Mixed)—Very handsome useful summer and autumn bedding plants; the flowers, which vary from white to purple and rich crimson, are borne in great profusion many months in succession. 6d. per pkt.

H.H.A. Phlox Drummondii Fimbriata—The petals of all the known Phlox varieties are entire, but in this variety they are partly fimbriate, partly three-toothed, the centre-teeth are almost twice as long as the lateral ones, all distinctly bordered with white, which, together with the bright eye of the centre, picturesquely contrast with the magnificent velvety colours, consisting already of more than twenty-five very splendid distinct colours. We offer it in finest mixture. 1s. per pkt.

H.H.A. Phlox Drummondii Cuspidata ("Star of Queedlinburgh")—This novelty, which has been obtained from the *Phlox Drummondii Fimbriata*, is slightly more compact than that variety. The size of the flower is the same, but the pointed centre-teeth of the petals (five in number) are five to six times as long as the lateral ones, and project beyond them like little spikes $\frac{1}{4}$ to $\frac{1}{2}$ inch long, giving the flowers a distinctly-marked, regular, star-like form, whose beauty is enhanced by the broad white margins which borders the edges of the petals. This novelty will prove to be one of the finest flowers for fine bouquets, pot flower, market purposes, or open ground. Offered in finest mixture of nearly twenty colours. 1s. per pkt.

H.P. Phlox Decussata (Perennial Phlox)—From the finest collection. 3 ft. Mixed, 1s. per pkt.

Picotée—See Carnation.

Cannell & Sons' Complete Seed Guide.

For the convenience of our customers separate colours can be supplied of the various classes of

Phlox Drummondii. See Collections, page 53.



H.H.P. Petunia (Large-flowering Yellow-throated) Grandiflora Intus Aurea.



PHLOX DRUMMONDII CUSPIDATA.



PHLOX DRUMMONDII FIMBRIATA.

The yellow-throated Petunia now offered, and which, after several years' careful selection, has at last been successfully fixed, constitutes a class of rare beauty. The characteristics are large-sized flowers of faultless form, with a broad and deep yellow throat, which is generally veined after the manner of the Salpiglossis. The latter colouring heightens the effect of that of the outer surface of the petals, and completes the beauty of the entire flower. 1s. and 2s. per pkt.

Our Petunia Seed is well known to be the best in England.

Mrs. H. SLOCOMBE, The Gardens, The Rookery, Wellington, Somerset, June, 1893.
The plants from your Gloxinia seed are now in flower, and indeed grand.

Mr. S. TAYLOR, Gardener to Dr. HARPER, Barnstaple, February 17th, 1893.
I have Primulas with blooms 2½ inches across. Thanks for such good seed.

Mr. H. EASTRY, Florist, Great Cornard, May 29th, 1893.
Wherever the English language is spoken Cannell's Primulas are known and admired. The quality of your seed is splendid.

Cannell & Sons' Complete Seed Guide.

CANNELLS' PRIMULAS.

Our Strains are well known to be the best in the World.

We have been Awarded more Certificates by the Royal Horticultural Society for the excellency of our strain and varieties than any other Firm.



OUR PRIMULAS AT SWANLEY.

For New Varieties, see coloured paper in front of Flower Seeds.

Out of 400 packets of Seeds and 16 Competitors at the

WORLD'S COLUMBIAN EXHIBITION, CHICAGO,

Our Varieties received more Honourable Mentions than any other Firm, and in confirmation of this see the following Testimonials, which were sent to us by our esteemed customers unasked for, thus showing the superiority of our Strain.

G. JEMMISON, Esq., Drawer J. Fort Gatriot, Michigan, U.S.A., *March 10th, 1893.*

I was at the World's Fair grounds lately and saw the variety of Primulas in bloom, and was pleased to see the name of H. Cannell among the list of strains, especially when I found that they excelled all others by far.

CHAS. W. HORT, Esq., Nashua, N.H., U.S.A., *April 21st, 1893.*

I saw your Primulas at the World's Fair, and found them much superior to all others there.

For other valuable cultural remarks, see Cyclamen, Calceolarias, and Cinerarias.

It is well known that our collection, solely for seeding purposes, is the choicest in the world, and are throughout the winter a sight worth seeing, for the new kinds possess such brilliancy of colour that they totally eclipse the older ordinary rose-coloured varieties; were it needed, we could append numerous extracts from every Horticultural Journal and other testimonials. (See Report of the Royal Horticultural Floral Committee Meetings.)

HOW TO GROW PRIMULAS.

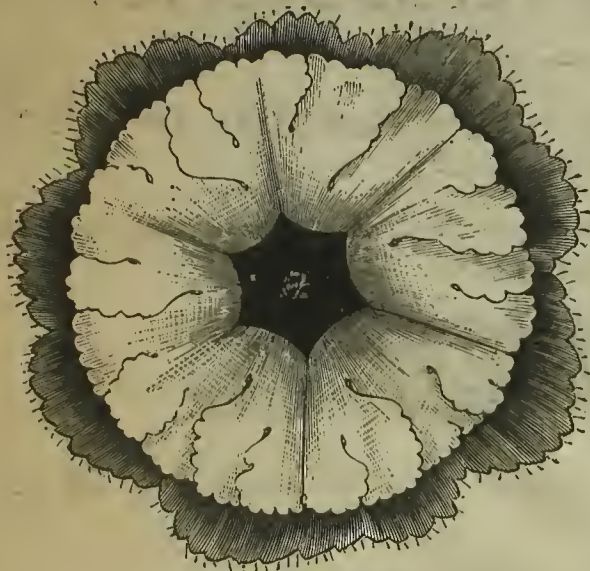
NOW often and how true it is remarked that England could double its present produce if the art of cultivation was better understood. The precisely same remark applies to Primulas—and, in fact, to all flowers, three-parts of which are positively starved and ill-treated. First, make yourself master of what creates health and vigour in a plant, and what will injure it, and its effect, and what loss is sustained by that injury. To thoroughly understand all this, see all our cultural remarks, particularly "How to grow soft-wooded plants to the height of perfection." Sow the seed in May, and again in June, on a level surface of soil, composed of two parts rotten turfy loam, one of partly rotten leaf mould, one of decayed cow-manure, and a small quantity of sea-sand; this mixture of soil will

do for all growths and potting. Just cover over the seed with some light material (sifted cocoa-unt fibre is the best), water lightly, but thoroughly, place in total darkness, and in a few days examine and give light and air; the moment the seed leaves appear gradually expose, and prick out, as soon as they can be handled, into small pots; shade, and at all times keep them as near the glass as possible (a cold frame is the best place up to the first cool weather in September), slightly shade from hot sun, and as soon as the roots make their appearance in the drainage-hole shift into 5 or 6-inch pots; be careful that this is done in a clean skilful manner, by not dirtying the foliage nor injuring the roots; pot firmly, pressing the soil down as tightly as you can with the forefinger; be sure that the soil is neither too wet nor too dry; sprinkle well, and shade and shnt up rather closely for a few days; water with perfectly clear rain-water; and as soon as the plants show the flower-stem give them weak liquid manure once a week, and all the moisture you can without creating any damp or mould; keep in a temperature of from 50° to 60°, and one regular moisture at the root is the great secret of success, so that the soil never shows the least crack or vacaney round the inside of the pot; if this is allowed to occur, vigour is gone for the season. Often seedsmen and nurserymen are blamed for sending wrong and inferior kinds, and their engravings and descriptions set down as puff.

Cannell & Sons' Complete Seed Guide.

PRIMULAS (PRIMULA SINENSIS)

(Primulaceæ).



CANNELLS' WHITE PERFECTION.

White Perfection—The loveliest and the most perfect in habit, flower, and freeness, and stands at the head of this class. In February (1887) it was exhibited in between two which were expected to excel it, but it far distanced them by long odds, and confirmed the fact that no other variety raised is near its equal. 9 inches. First-Class Certificate. 2s. 6d. per pkt.; smaller pkts., 1s. 6d.



CANNELLS' SWANLEY BLUE.

Swanley Blue—Identical, or nearly so, with what has been shown as blue colour. It is a beautiful mauve, perfectly distinct, and one of the most uncommon coloured Primulas of the whole collection; very striking. 9 in. 2s. 6d. per pkt.; smaller pkt. 1s. 6d.

CANNELLS' IMPROVEMENT—The highest bright red, is a grand march onwards of the Swanley-Red type; habit, size, substance, and fiery colour of its flowers far excels all others, except our new ones; habit and freeness, together with its fine flowers, constitute it a gem. 9 in. high. First-Class Certificate. 2s. 6d. per pkt.; smaller pkt. 1s. 6d.

Cannells' Pink—Is acknowledged to be the most perfect Primula ever raised; colour, the most lovely of pinks ever seen, nearly resembling the tint at the base of the petals of *La France* rose. By carrying your thoughts to that flower you can readily imagine the grandeur of this variety, the largest bloom and the finest habit. The value can readily be seen. 2s. 6d. per pkt.; smaller pkt., 1s. 6d.

Intensity—A high coloured red, large flower, and best habit of all the Swanley Red class. 9 in. 2s. 6d. per pkt.; smaller pkt. 1s. 6d.



CANNELLS' IMPROVEMENT, DEEP RED.



PRINCESS MARY.

Princess Mary—Our variety named *White Perfection* is known and valued throughout the world. This is also a pure white, but of the highest quality flower, so overlapping is its petals that it well-nigh resembles the outline of a gigantic double. Its fimbriation is not approached by any other kind; habit good; and very free. Those who have honoured us with a visit have probably observed the lovely parsley-shaped leaves. The original was called *Crispifolia*, but its flowers were of the poorest description. The question was to put a really good flower on this ornamental foliage plant, and after years of attentive work and many disappointments we at last succeeded in raising a variety possessing the coveted prize; and after our esteemed customers have seen a flower, we quite expect one and all to say, "We are quite entitled to a gold medal from the nation." At all events, of this we are quite certain, that if placed before anyone interested in such matters, they would say and write as we have done. 9 in. 2s. 6d. per pkt.; smaller pkt., 1s. 6d.

Swanley Giant—A large form and colour of the old coloured kinds. Seed very scarce. 2s. 6d. and 5s. per pkt.

Lilacina—Plain leaf. 2s. 6d. per pkt.; smaller pkt., 1s. 6d.

Lilacina—Fern leaf. 2s. 6d. per pkt.; smaller pkt., 1s. 6d.

Cannells' Market White—Plain leaf, light foliage. 1s. 6d. per pkt.

Cannells' Market White—Plain leaf, dark foliage. 1s. 6d. per pkt.

Cannells' Market White—Fern leaved. 1s. 6d. per pkt.

The three above-mentioned varieties are especially offered to those who grow for market, and for that purpose are unsurpassed. Habit of plant, size and substance of flower, is all that can be desired, and we can with confidence recommend them.

Mixed—Containing nearly all the above kinds. 2s. 6d. per pkt.; smaller pkt. 1s. 6d.

Primula Sinensis Fimbriata fl. pl. (Double)

Fringed, double white. Per pkt., 2s. 6d. and 5s.

" " brilliant magenta-red. Per pkt., 2s. 6d. and 5s.

" " red and white mixed. Per pkt., 2s. 6d. and 5s.

Our four houses, each 100 feet, from November to May presents the most wonderful sight ever seen.

Cannell & Sons' Complete Seed Guide.

H.F. *Primula Japonica* (Japanese Primrose)—A superb Alpine species, which has proved itself perfectly hardy; well known. $1\frac{1}{2}$ ft. 1s. per pkt.

Poppy—See *Papaver*.



PORTULACA GRANDIFLORA FL. PL.

H.H.A. *Portulaca Grandiflora* fl. pl. (*Portulacae*)—For brilliant, beautiful, and delicate flowers, this charming genus stands unrivalled; and, whether in baskets, beds, edgings, or rockwork, its large, splendid flowers, produced in the greatest profusion, are extremely effective; succeeds best in light, gravelly soil. Must be exposed to the full glare of the sun. 6d. per pkt.

H.H.A. *Portulaca*, Single—6d. per pkt.



PRIMULA OBCONICA



PRIMROSE HARBINGER.

H.P. *Primrose Harbinger*—We are now able to offer seed of this magnificent White Primrose, which is far in advance of all other whites. 1s. per pkt.

H.P. *Potentilla* (*Rosaceae*)—Handsome herbaceous plants. $1\frac{1}{2}$ ft. Finest mixed. 6d. per pkt.

H.P. *Cannells' Primrose* (Hybrid)—Extra fine, many colours, saved from our fine seedling varieties. Keep the seed moist and cool; some will germinate soon after sowing; others much later. $\frac{1}{2}$ ft. 1s. per pkt.

H.P. *Primrose*, Common Yellow—True; seed gathered from plants growing wild. $\frac{1}{2}$ ft. 6d. per pkt.

H.P. *Primrose*, "Beaconsfield Primroses," or Fancy Polyanthus—All are familiar with the ordinary yellow primrose, and probably with some few of the coloured varieties, but very, very few, have the slightest idea of the grand varieties originating from the result of long and careful hybridising and selection: strong growers and most abundant bloomers; flowers of immense size, and of such colour and shape that many will not be prepared to believe, for the simple reason they have not seen anything to approach them; colours varying from a blue purple, dark maroon-scarlet, yellow, white, and a hundred other intermediate colours. None will dispute them, and we guarantee that they will give more than satisfaction. 6s. per doz. fine blooming plants; seeds, 1s. and 2s. per pkt.

H.H.P. *Primula Obconica*, *syn. Pœculiformis*—If sown in spring, *Primula Obconica* blooms in the latter half of summer, but it is from December to June that in a conservatory or cold frame it attains its height of attractiveness and beauty; and all the while furnishes a very plentiful and useful material for cutting. The colour of the flowers, which measure about two-thirds of an inch across, slightly varies between white and pale lilac, and the plant has been described and favourably commented upon in all the gardening papers of repute. $\frac{1}{2}$ ft. 1s. and 2s. per pkt.

H.P. *Primula Elatior Duplex* (Hose-in-Hose); *Polyanthus*—Curious and pretty. 1s. 6d. and 2s. 6d. per pkt.

Cannell & Sons' Complete Seed Guide.

H.P. *Pyrethrum Parthenifolium Aureum* (*Compositæ*), Golden Feather—This is the best yellow foliage bedding plant ever sent out. For autumn, winter, and spring decorations, they look grand if sown about the middle of August. 1 ft. 3d. per pkt.

H.P. *Pyrethrum*, Double—From best named kinds. 1½ ft. 1s. per pkt.

H.P. *Pyrethrum Aureum Laciniatum*—Sport from *Golden Feather*; beautifully lacinated foliage, almost like a fern. ¾ ft. 3d. per pkt.

H.P. *Pyrethrum Aureum Selaginoides*—An entirely new and distinct form of *Pyrethrum*, of an exceedingly dwarf and compact habit, the flat foliage resembling fronds of *Selaginella Martiusi* overlaying each other, which gives the plant a wonderfully grand and level appearance. ¾ ft. 1s. per pkt.

H.P. *Pyrethrum*, Golden Gem, or "Paris Pearl"—Invaluable bedding plant, producing large, elegant, double-white flowers, which are continued without intermission from May to November. ¾ ft. 3d. per pkt.

H.P. *Pyrethrum*, Single—From best named kinds, beautiful colours; most useful for cutting purposes. 1½ ft. 3d. per pkt.



RANUNCULUS ASIATICUS SUPERBISSIMUS.

H.P. *Ranunculus Asiaticus Superbissimus* (*Ranunculaceæ*)—Splendid large-flowered double hybrids, flowering the second year from seed; most valuable acquisition. ¾ ft. 6d. per pkt.

H.H.A. *Rhodanthe (Helipterum) Maculata* (*Compositæ*)—A very elegant variety, silvery pink, with yellow centre, beautiful alike either in bud or fully expanded. 1 ft. 3d. per pkt.



RHODANTHE MACULATA.

H.H.A. *Rhodanthe Maculata Alba*—1 ft. 3d. per pkt.

Reseda Odorata—See Mignonette.

H.H.A. *Rhodanthe Manglesii* (Everlasting Flowers)—Elegant half-hardy annual, with dwarf erect branching habit, and bright rose-coloured flowers. 1 ft. 3d. per pkt.

H.H.A. *Rhodanthe Maculata Atrosanguinea*—Very fine; crimson. 1 ft. 6d. per pkt.

H.H.A. *Ricinus Borboniensis Arboreus* (*Euphorbiaceæ*), Castor Oil—Extra fine, growing 10 ft. high. 3d. per pkt.

H.H.A. *Ricinus Gibsoni*—Dark purple stem and leaves, very fine and ornamental; the best of all the ornamental-leaved Castor Oil plants for sub-tropical appearance. 5 ft. 3d. per pkt.

H.H.A. *Ricinus Roseus Magnificus*—A distinct and beautiful variety of dwarf and bushy habit, with large palmate leaves; seed vessels beautiful rose-pink, borne in large clusters. 5 ft. 3d. per pkt.

H.H.A. *Ricinus Gibsoni Mirabilis*—A handsome variety; dwarf. 4 ft. 3d. per pkt.

H.H.A. *Ricinus Guyanensis*—Dwarf. 4 ft. 3d. per pkt.



RIVINA HUMILIS.

G.P. *Rivina Humilis* (*Phytolaccaceæ*), Bloodberry or Rouge Plant—The prettiest redberry-bearing plant that we have, and for table decoration all through the autumn a gem; no warm greenhouse should be without it. 2 ft. 1s. per pkt.

Rocket—See *Hesperis*.

Rose Champion—See *Agrostemma*.



RUDBECKIA AMPLEXICAULIS.

H.P. *Rudbeckia Amplexicaulis* (*Compositæ*)—Yellow flowers. A bunch of these look very handsome arranged with their own foliage, and last a long time in water. 3 ft. 3d. per pkt.

H.P. *Rudbeckia Drummondii*—Orange. 3d. per pkt.

H.H.A. *Salpiglossis Dwarf* (*Solanaceæ*), Mixed—Large handsomely marked flowers, varying in tint from creamy white to black, blue and purple; has a splendid effect. Sow in March. 3d. per pkt.

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H.P. *Salvia Argentea* (*Labiatae*)—Very silvery foliage, large size; a most effective and beautiful plant. 2 ft. 3d. per pkt.

H.P. *Salvia Farinacea*—A first-class branching shrubby plant, 2 ft high, for summer bedding, of a habit similar to the *Salvia splendens* and flowering at the same time. If sown early in the spring, the ends of the branches begin to show the flower-spikes in July; these are light blue, and retain for months this beautiful shade; the readiness with which it flowers in the open ground, combined with its easy cultivation, will make it a universal favourite in our flower garden. 6d. per pkt.

H.H.A. *Salvia Hispanica*—A very fine annual, grows 3 feet, and its glittering azure charming blossoms form a fine contrast to the glossy green foliage. 3d. per pkt.

H.H.P. *Salvia Patens*—Splendid blue. 2½ ft. 1s. per pkt.

H.A. *Sanvitalia Procumbens* (*Compositae*)—Very effective, dwarf, close-growing plants, admirably suited from their continuous and free-blooming habits for filling beds, planting edgings, rockwork, &c. ½ ft. 3d. per pkt.

H.A. *Sanvitalia Procumbens* fl. pl.—Very double golden yellow flowers. ½ ft. 3d. per pkt.

H.A. *Saponaria Calabrica* (*Caryophyllae*) Fuller's Herb, Soapwort—One of the prettiest and most useful annuals for bedding purposes; flowers dark rose, produced in great profusion for many months. ¾ ft. 3d. per pkt.

H.A. *Saponaria Calabrica Alba*—A white-flowered variety of the preceding; in all other respects similar; very desirable for contrast. Sow in the open in August or early in Spring. 3d. per pkt.

H.P. *Saponaria Ocymoides*—An elegant trailer, well adapted for rockwork, &c. ½ ft. 3d. per pkt.



SCABIOSA (OR MOURNING BRIDE).

H.B. *Scabiosa* (*Dipsacae*) Dwarf, Double, Pincushion Flower (Mixed)—Fine for beds or mixed borders; rich and beautifully coloured flowers; excellent for cutting. 1½ ft. 3d. per pkt.

H.B. *Scabious*, Golden Yellow, Double—The plants of this pretty and useful novelty are semi-dwarf and bushy, and bear in great profusion compact double flowers of a fine golden yellow colour, which are admirably adapted for cutting. A yellow Scabious having long been looked for there is no doubt this introduction will secure a large share of popular favour. 1s. 6d. per pkt.

Other Varieties of Scabiosa or Scabious can be supplied. 3d. to 1s. per pkt.

H.H.A. *Schizanthus Grahmi Retusus Nanus*—Only 1 foot high; flowers bright scarlet, with orange, red, and dark brown, shaded 3d. per pkt.

H.H.A. *Schizanthus Grahmi* (*Solanaceae*), Butterfly or Fringe Flower—Elegant garden or greenhouse variety; lilac and orange. 2 ft. 3d. per pkt.

H.H.A. *Schizanthus Papilionaceous Pyramidalis*—Charming variety of colours. 1½ ft. 6d. per pkt.

H.H.A. *Schizanthus Pinnatus Pyramidalis* "Tom Thumb"—Perfectly constant variety, symmetrical growth, only 12 inches high, abundance of flowers; purple, with black centre; an acquisition. 3d. per pkt.

H.P. *Sedum Cœruleum* (*Crassulaceae*)—A pretty blue flowering stone-crop, useful for the rockwork, &c. 6d. per pkt.

Senecio Elegans Pomponicus, Cream Coloured—A charming and very delicate coloured variety, equally as pretty, and comes as true from seed as the other kinds of Pompon Senecios. 1s. per pkt.

H.A. *Senecio* or *Jacobæa* (*Compositae*), Double—Free-flowering plants, producing their gay-coloured flowers in great profusion. ¾ ft. Mixed, 3d. per pkt.

H.H.P. *Sempervivum Tabulaforme* (The Table Plant)—A splendid succulent. ½ ft. 1s. 6d. per pkt.

Sensitive Plant—See *Mimosa Pudica*.

H.A. *Silene Pendula*—Mixed. 3d. per pkt.

H.A. *Silene Pendula Alba*—White. 1 ft. 3d. per pkt.

H.A. *Silene Pendula Compacta Alba*—Dwarf and compact, very recommendable for edgings; white. 3d. per pkt.

H.A. *Silene Pendula Compacta Ruberrima* fl. pl.—Splendid variety; flowers red. ½ ft. 3d. per pkt.

H.A. *Silene Pendula Nana Compacta*—A very beautiful spring bedding plant, dwarf and compact; flowers bright pink, borne profusely in a dense compact mass; valuable for edging on ribbon borders. 4 in. 3d. per pkt.



SILENE PENDULA NANA COMPACTA.



SOLANUM, HYBRID IMPROVED.

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H.A. *Silene Pendula* (*Caryophyllæ*)—Pink. 1 ft. 3d. per pkt.

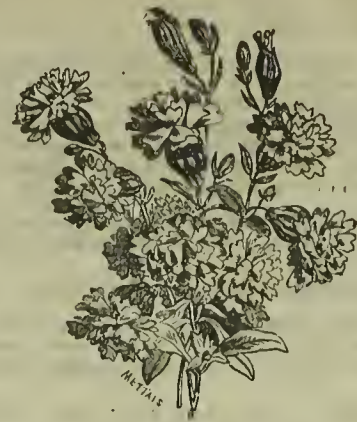
H.A. *Silene Pendula* fl. pl.—A splendid double variety; flowers rose-carmine. 1 ft. 3d. per pkt.

G.SH. *Solanum Capsicastrum* (*Solanaceæ*), Hybrid Improved—These are beautiful for winter decoration, and are of easy culture. 1 to 1½ ft. 6d. per pkt.

Sow in January, keep them growing, and by the autumn they will be covered with round, bright, orange-coloured berries, which are very pretty all the winter.

Ornamental-foliaged *Solanums* for sub-tropical arrangements also supplied, 3d. to 6d. per pkt.

H.P. *Stachys Lanata* (*Labiata*), Hedge Nettle—A very hardy plant, with large woolly leaves, close compact growth; fine for large broad margins. 1 ft. 3d. per pkt.



SILENE PENDULA, DOUBLE.

CANNELLS' STOCKS.



CANNELLS' BROMPTON STOCK.



PERPETUAL TEN-WEEK STOCK, "PRINCESS ALICE."

H.H.A. German Emperor Stock—Extra fine, mixed. 1 ft. 1s. per pkt.

H.B. Stocks, Brompton—A strong growing biennial variety, very useful for winter or spring gardening. 2½ ft. Scarlet, 1s. per pkt.; Purple, 6d. per pkt.; White, 6d. per pkt.; Finest Mixed, 6d and 1s. per pkt.

Brompton should be sown in July, and planted out in a good soil in a sheltered situation. They generally stand the winter without protection, and make a grand display in June and July.

H.B. Stocks, East Lothian, Intermediate (Edinburgh Prize Strain)—Magnificent in beds or ribbon borders, also herbaceous borders; grows rapidly and flowers abundantly from August to January, forming quite a link between summer and spring flowers. All 1½ ft. high.

White—Pure white; grand flowers. 1s. per pkt.

White (Wallflower leaved)—Admirably adapted for growing in pots, as it seldom grows more than one foot in height; flower fine, perfume delicious. 1s. per pkt.

Magenta Crimson—Vivid colour; very choice. 1s. per pkt.

Purple—Grand. 1s. per pkt.

Mixed—1s. per pkt.

H.B. Stocks, Intermediate—This seed is saved from the best Covent Garden Stock. Scarlet, 6d. per pkt.; White, 1s. per pkt.; Purple, 6d. per pkt.; Mixed, 1s. per pkt.

The Intermediate or Spring-flowering Stocks are extensively cultivated for Covent Garden Market. In the early summer months, during the "London Season," it constitutes one of the principal features in furnishing jardinetts, &c., and is also of great value in filling the early summer flower beds. The *East Lothian Stock* is more branching than the *True Intermediate*, and therefore not so well adapted for pot culture, but is more valuable for the flower garden. For autumn flowering sow early in spring; for spring flowering sow early in July, and winter in cold frame.

H.H.A. Stock, Perpetual-flowering—Dwarf, mixed. 1s. per pkt.

H.H.A. Perpetual Ten-week Stock, Princess Alice—Snow white; fine for pot culture and cut flowers. 1s per pkt.



LARGE FLOWERING DOUBLE GERMAN TEN-WEEK STOCK.

H.H.A. Stocks (*Crucifera*), Large-flowered German Ten-week—Finest mixed colours; extra fine. 1 ft. 1s. per pkt.

For collection of Stocks, see page 52.

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PERPETUAL STOCKS.

The foregoing varieties of Stock have proved to be the most distinct and decorative, and suitable to the different styles of gardening for which the Stock is so admirably adapted. All are desirable pot-plants, and are greatly prized as cut flowers, both for their diverse colours and fragrance. For a continuous succession of bloom, seed should be sown at intervals from the beginning of March to the end of May, the first sowing under glass, the latter sowings may be made where the plants are intended to bloom.



WHITE MAMMOTH TEN-WEEK STOCK.

H.H.A. Stock, White Mammoth Ten-Week—Of luxuriant robust growth; attains in the open ground a height of 3 ft., and produces only a single strong spike, 1 ft. in length, closely covered with very large well-formed flowers of the purest white; valuable for large groups. 1s. per pkt.

H.P. *Stellaria Graminea Aurea* (*Caryophyllee*)—Neater than *Golden Feather* and, like that, far better from seeds than plants. 3 in. 6d. per pkt.



STENACTIS SPECIOSA.

H.P. *Stenactis Speciosa*, *syn* *Erigeron Speciosus* (*Compositae*).—Purple flowers, plants 2 feet high. If the seed is sown in a slight hot-bed in March, it will produce flowering plants the same year. 3d. per pkt.

Stipa—See Ornamental Grasses.

Sunflowers—See *Helianthus*.

Sweet Alyssum—See *Alyssum Maritimum*.

Sweet Sultan—See *Centaurea Moschata*.

Sweet William—See *Dianthus Barbatus*.



TAGETES SIGNATA PUMILA.

H.H.P. *Statice Bonduelli* (*Plumbagineae*)—Light golden-coloured everlasting flowers. 1 ft. 6d. per pkt.

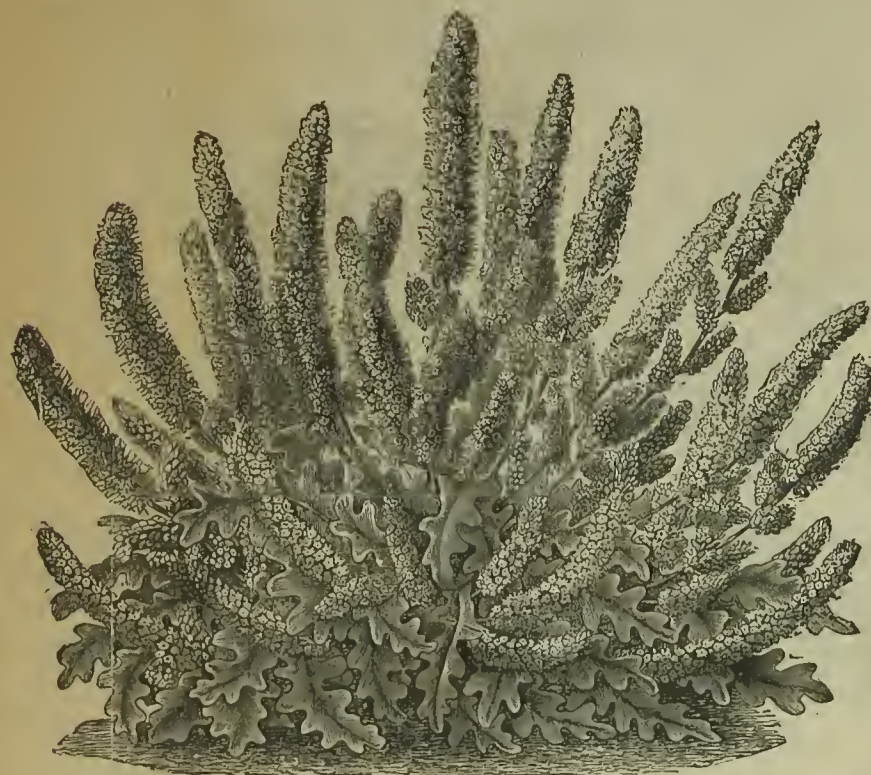
G.P. *Statice Halfordii* (Everlasting)—A superb blue variety; useful for the decoration of the greenhouse. 2s. per pkt.

H.A. *Statice Suworowi*—By far the finest of all annual *Statice*s, and indeed one of the showiest annuals we possess; similar in habit to *S. Spicata*, but greatly superior to it. Its branching flower spikes, of a very bright rose with a crimson shade, appear successively from ten to fifteen on each plant, and measure each fully 15 to 18 inches in length, and from $\frac{1}{4}$ to 1 inch in breadth; the foliage lying flat on the ground is comparatively small, and completely hidden by the numerous flower spikes, each leaf being about 5 inches long and $1\frac{1}{2}$ to 2 inches broad, undulated and glaucous. One plant will last in flower more than two months, and if sown in succession from February to April, it may be had constantly flowering throughout the summer and autumn. A whole bed of this lovely plant in full bloom is a truly magnificent sight, being one mass of flowers. 6d. per pkt.

H.A. *Statice Spicata* (Everlasting)—Forms long spikes of rosy-dink flowers; of easy growth. 3d. per pkt.

Other Varieties of *Statice* can be supplied.

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STATICE SPICATA.



STATICE SUWOROWI.



STREPTOCARPUS.

G.P. Streptocarpus (Gesneraceae), New Hybrids—These new hybrids are remarkable for their abundance of bloom, and the continuous succession in which the flowers are produced for about four months in the summer and early autumn, and also for the long time the individual flowers last in perfection. The plant is a greenhouse perennial, of dwarf, neat habit, growing about 9 inches high, with rather long, narrow, arched and recurved stemless leaves; whilst the flowers, which are very graceful in

form, are trumpet-shaped, and measure about $1\frac{1}{2}$ inches in length. The variation of colours in these new hybrids is very striking, scarcely two plants being exactly the same, and the colours range from pure white, through pale lavender, lavender-blue, lilac-blue, light mauve, purple, violet, bright rose, and red to rich rosy purple, with all the intermediate tints, and in all the flowers the throat and three lower segments are more or less marked or splashed with long blotches or spots of various shades of purple, generally shaded and relieved with white, which greatly enhances the effect, and affords a pleasing contrast of colour. If seed is sown the end of January and February, the plants come into bloom the following June and July, and continue flowering freely until the end of September and October. 2s. 6d. and 1s. 6d. per pkt.

H.A. Sweet Pea, Adonis—Bright carmine. 3d. per pkt.

H.A. Sweet Pea, Butterfly—Wonderfully attractive. 3d. per pkt.

Sweet Pea, Captain of the Blues—The standards bright purple-blue, with pale blue wings; a very striking and fine variety. 1s. per pkt.

H.A. Sweet Peas, Eckford's—Finest varieties, mixed; a splendid strain. 6 ft. 6d. and 1s. per pkt.

Sweet Pea, Empress of India—Clear rosy-pink standards and white wings; large and very pleasing. 1s. per pkt.

H.A. Sweet Pea, Fairy Queen—Flesh coloured. 6d. per pkt.

H.A. Sweet Pea, Invincible Scarlet. 3d. per pkt.

Sweet Pea, Monarch—Brouzy-crimson standards, with rich deep blue wings; a very large and striking variety. 1s. per pkt.

H.A. Sweet Pea, Painted Lady. 3d. per pkt.

Sweet Pea, Primrose—A near approach to a Yellow Sweet Pea, quite novel and distinct in colour; the standards and wings pale primrose yellow. Awarded First-Class Certificate by the Floral Committee of the Royal Horticultural Society. 1s. per pkt.

H.A. Sweet Pea, Princess Beatrice—A beautiful pink. 6d. per pkt.

Sweet Pea, Princess Victoria—Standards dark cerise, the wings mauve-pink, and slight lines of rose; very pretty and attractive. 1s. per pkt.

H.A. Sweet Pea, Purple. 3d. per pkt.

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COLLECTIONS OF SWEET PEAS.

36 Varieties, to name, including Novelties of 1892 and 1893.
Twelve seeds of each ... 21s. 0d.

24 Varieties, to name, including Novelties of 1892 and 1893.
Twelve seeds of each ... 15s. 0d.

12 Varieties, to name, including Novelties of 1892 and 1893.
Twelve seeds of each ... 10s. 6d.

12 Varieties, to name.
Twelve seeds of each ... 3s. 6d.

Blushing Beauty—Soft pink, suffused with lilac; a superb flower; a distinct and lovely variety. In sealed pkts., 2s.

Duke of Clarence—Rosy claret self-coloured flower, large; very fine. In sealed pkts., 1s. 6d.

Emily Eckford—A superb flower, of a well-marked cerulean tint, the standard suffused with reddish mauve, closely approaches a true blue; a most desirable variety, large, and of good substance. In sealed pkts., 2s.

Firefly—A self-coloured, intense, glowing crimson, good size and substance; a very free bloomer. In sealed pkts., 1s.

Gaiety—The standards white striped, and flaked with bright rosy-lilac, the wings delicate blush. In sealed pkts., 1s.

Rising Sun—Another very striking and pretty new variety, the standard embracing a curious mixture of orange and rose, shaded and splashed or spotted carmine, wings pale rose, shading off to blush white. Price, in sealed packets, 1s.

Venus—Salmon buff, the standards delicately shaded rosy pink, very distinct; a most charming flower. Certificate of Merit, R.H.S., 1891. In sealed pkts., 2s.

H.A. **Cannells' Selected Sweet Peas** (*Lathyrus Odoratus*)—Finest, mixed. 6 ft. 3d. per pkt.

Sweet Pea, Senator—A large bold flower, finely expanded standards, shaded and striped chocolate on creamy ground; a lovely variety. 1s. per pkt.

H.A. **Sweet Pea, White**. 3d. per pkt.

H.H.A. **Tagetes, Signata Pumila** (*Compositae*)—A miniature variety of Marigold, with small pinnate leaves, golden yellow flowers, striped with crimson during autumn and summer months; one of the most useful annuals for bedding and decorative purposes. 1 ft. 3d. per pkt.

Tassel Flower—See *Cacalia Coccinea*.

G.A. **Thunbergia Alata** (*Acanthaceae*)—Beautiful climber for pot culture in conservatories, and for low walls on warm aspects in the garden, growing 4 to 6 feet high, and flowering profusely throughout the summer months; flowers pale buff with nearly black throat, leaves shaped somewhat like a spade. 3d. per pkt.

G.A. **Torenia Bailloni**, *syn. Flava* (*Scrophulariaceae*)—A gem; yellow, with a purplish-brown tube; is very effective as a basket plant in a compost of two parts peat and one part loam and leafy mould. 9 ins. 1s. per pkt.

Torenia Fournieri Celestina—A very pretty and delicate colour; the upper part of the flower is nearly pure white, whilst the side lobes are of a most pleasing tint of soft mauve, the underlip showing a little more of the lilac shade. 1s. 6d. per pkt.

G.A. **Torenia Fournieri Superbens**—Large sky-blue flowers with indigo blue spots and bright yellow in centre; if sown from February to April will bloom under glass from June to September, and will also thrive well if planted out in the summer months in a warm climate. 1 ft. 1s. per pkt.

CANNELLS' IMPROVED AND

H.H.A. **Tropæolum Lobbianum** (True)—Elegant, and remarkable for their richly diversified colours and profusion of bloom, being equally adapted for in or out-door decoration, and very graceful growing over trellises, pillars, walls, &c. Best named kinds, to colour, can be supplied. (See collections, page 53.) Mixed, 3d. per pkt.

H.A. **Tropæolum Majus**—Strong-growing; tall. Mixed, 3d. per pkt. Best named kinds, to colour, 6d. per pkt.

H.H.A. **Tropæolum**, *syn. Peregrinum* (*Aduncum*) **Canariense** (Canary Creeper). 8 ft. 3d. per pkt.

H.A. **Tropæolum**, **Tom Thumb**, **Crystal Palace Gem**—Sulphur, spotted with crimson. 3d. per pkt.

H.A. **Tropæolum**, **Tom Thumb**, **Empress of India**—One of the best of this section; very showy; a gem. 6d. per pkt.



SWEET PEA.



TORENIA.

H.H.A. **Trichosanthes Colubrina**, *syn. Anguina* (*Cucurbitaceae*), Snake Gourd—Beautiful climbing plant, with long, elegant, serpent-like fruit from 5 to 6 feet in length, which when ripe is of a brilliant carmine colour. 3d. per pkt.

RE-SELECTED TROPÆOLUMS.

H.A. **Tropæolum**, **Tom Thumb**, **King Theodore**—A distinct and very effective variety; foliage bluish green; habit compact; flowers very dark velvety crimson, borne in great profusion many mouths in succession. 6d. per pkt.

H.A. **Tropæolum**, **Tom Thumb** (Mixed)—Containing many showy varieties. Best named kinds, to colour, 3d. per pkt.

H.A. **Tropæolum**, **Tom Thumb**, **Pearl**—Creamy white; very pretty. 3d. per pkt.

H.P. **Tropæolum**, **Speciosum**—Tuberous rooted. 1s. per pkt.

H.A. **Tropæolum**, **Tom Thumb**, **Beauty**—Scarlet and yellow. 3d. per pkt.

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TROPÆOLUM LOBBIANUM.



TROPÆOLUM, TOM THUMB.



TYDÆA HYBRIDA NANA.



TROPÆOLUM PEREGRINUM CANARIENSE.

H.A. *Tropæolum, Tom Thumb, Coccineum Folius Aureis*—Yellow leaved Dwarf Nasturtium; flower scarlet, which forms a striking contrast with the pretty light foliage; very attractive as a hedging plant. 6d. per pkt.

H.A. *Tropæolum, Tom Thumb, Cœrulea-Roseum*—3d. per pkt.

H.A. *Tropæolum, Tom Thumb, Ruby King*—6d. per pkt.

H.A. *Tropæolum, Tom Thumb, Spotted*—Scarlet and yellow 3d. per pkt.

S.P. *Tydæa Hybrida Nana*—The culture of the natural order *Gesneriaceæ* has been a speciality of our establishment for a number of years, and our seedlings of *Gloxinias*, &c., comprise the finest and most beautiful varieties existing in this genus. The *Tydæas* cultivated up to the present time have the disadvantage to grow to the height of 1½ to 2 feet and more before they form their flower stems, while the new class is of dwarf growth, attaining only a height of 6 to 9 inches when in full bloom, being very free flowering and varying in the same magnificent colours and strains as the tall sorts. Its very dwarf habit renders it very valuable, being equally as pretty as *Gloxinias*, and if sown early and potted forward these gay and effective varieties will also bloom the same season and at the same time. 1s. 6d. per pkt.

H.P. *Valeriana Ruber (Valeriana)*—The well-known red garden Valerian. 2 ft. 3d. per pkt.

Venus Looking-Glass—See *Campanula Speenlum*.

H.P. *Verbascum Olympicum*—Flower spike from 6 to 8 ft. in height; flowers of a soft yellow shade, very sweet; large woolly leaves. For the back part of a mixed border, or grouping with other plants of remarkable size or form of foliage, or for placing here and there in open spaces among shrubs, it is well suited. A bold group of it arranged on the grass by itself, in deep, light, well-prepared soil, would be very effective. 1s. per pkt.



VALERIANA.

Verbascum Pannosum—Magnificent new hardy Mullein, a native of the Rhodope mountains in South Bulgaria. It produces a very large rosette of downy, silvery-grey foliage, in the centre of which rises the stately flower-spike, attaining a height of 4 to 5 feet by 1½ inches in diameter, and being mostly unbranched. The individual flowers, which appear profusely every day during its flowering time, are rather large and of a bright yellow colour. The single leaves often measure more than 3 feet in length. 1s. per pkt.

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H.P. *Verbaceum Phœniceum Roseum*—Very showy, flowering freely throughout the summer. 2 ft. 3d. per pkt.

H.H.P. *Verbena (Verbenaceæ) Hybrida Candidissima*—Large, pure white flowers. 1s. per pkt.



VERBENA.

H.H.P. *Verbena Hybrida Dark Blue*—1s. per pkt.

H.H.P. *Verbena Hybrida Defiance*—Beautiful rich scarlet flowers. 1s. per pkt.

H.H.P. *Verbenas (Choicest Mixed)*—This seed is saved from our best collection—in fact, from all the best at present in cultivation. Sow in heat early in spring. 6d. and 1s. per pkt.

H.P. *Verbena Venosa*—A good old bedding plant; the true variety. 1½ ft. 3d. per pkt.



VERONICA SPICATA.

H.P. *Veronica Spicata (Scrophularinæ)*, Sp. edwell — Long, elegant spikes of rich blue. 6d. per pkt.



VINCA (PERIWINKLE).

H.H.P. *Vinca Rosea (Apocynaceæ)*—These beautiful and easily cultivated plants when sown in spring flower in summer, and are important in the decoration of the conservatory and sitting-room; they succeed out of doors in warm situations; flowers rose, white centre. 1 ft. 3d. per pkt.

H.H.P. *Vinca Rosea Alba Pura*—Pure white. 1 ft. 3d. per pkt.

H.P. *Violas (Violariæ)*—For continuous lines, ribbons, and edging to large beds, or intermingle with other plants these are charming; continuously in bloom if attended to.

Finest Mixed. 6d. and 1s. per pkt.

Violet (White Czar)—6d. per pkt.

H.A. *Virginia Stock (Malcolmia) (Cruciferae)*—When sown in February or March, a very gay display is produced in the flower garden with this plant, while spring flowers are passing away and summer flowers are coming on. 6 in.

Crimson King. 3d. per pkt.

Pigmy—Dwarf, compact white. 3d. per pkt.

H.A. Mixed—3d. per pkt.

H.A. *Viscaria Cardinalis (Caryophyllæ)*—Splendid cardinal coloured. 1 ft. 3d. per pkt.

H.A. *Viscaria Cœrulea*—Blue; this fine variety produces a nice contrast with *cardinalis*. 1 ft. 3d. per pkt.

H.A. *Viscaria Elegans Picta*—Scarlet, margined white, elegant and beautiful. 1 ft. 3d. per pkt.

H.A. *Viscaria (Mixed)*—Lovely little flowers, borne on graceful stems well above the foliage; is most valuable when gathered for specimen glasses, baskets, &c. 3d. per pkt.

H.H.A. *Waitzia Grandiflora (Compositæ)*—Everlasting flower, valuable for winter bouquets; flowers bright yellow. Requires picking early on account of the centre soon becoming discoloured. 1½ ft. 1s. per pkt.

CANNELLS' WALLFLOWERS.

(*Cheiranthus Cheiri*.) CRUCIFERÆ.

Wallflowers are prized for their delicious fragrance. In the spring they are indispensable for beds, groups, and ribbons. The large massive conspicuous spikes of the double German varieties have a charming effect, while the more bushy compact growth and profuse blooming of the *Single Wallflowers* render them exceedingly attractive. A mass of *Golden Tom Thumb*, with its unalloyed rich golden orange blossoms, is a sight unrivalled, and so profusely does it bloom as to resemble a dense carpet of gold.

H.P. *Bedfont Yellow*—Fine colour, rich golden yellow. 3d. per pkt.

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WALLFLOWER (DOUBLE).

H.P. **CANNELLS' IMPROVED MAROON**—One is delighted when the eye rests on a very dwarf blood-coloured Wallflower; the darkness and the perfume of this variety far exceeds all others, and a few plants is a feature in every garden. 1½ ft. 1s. per pkt.

H.P. **Covent Garden**—Dark blood red. 1½ ft. 3d. per pkt.

H.P. **Double German**—Dwarf, compact habit; exceedingly fine massive spikes of beautiful flowers. Finest mixed. 1s. per pkt.



GOLDEN TOM THUMB WALLFLOWER.

H.P. **Golden Tom Thumb**—If there is one flower that ought to be more generally grown in every garden than it has been, it is the *Golden Tom Thumb* Wallflower, for it is a mass of flower all the winter and spring. 1 ft. 3d. per pkt.

H.P. **Harbinger**—Autumn and winter flowering Wallflower, extremely early flowering; great acquisition all the spring; flowers brown. 1½ ft. 3d. per pkt.

H.P. **Sisley's Broad Petalled Winter Flowering**—Mons. Jean Sisley sent us seed of this, stating that it was well worth introducing into England, as it was far superior to our varieties; and true enough, a bed proved to be the surprise and admiration of all who saw it. Should be introduced into every garden. 1s. per pkt.

H.P. **Wallflower**—Grabam's yellow perfection. 3d. per pkt.

H.P. **Wallflower**—Single, mixed. 3d. per pkt.

Wallflower—Single, dwarf Harbinger; brown.

Wallflower—Single, dwarf; brilliant red.

Two new pretty colours of the Dwarf Single Wallflower, which will be much appreciated by all lovers of this popular flower. 1s. per pkt.

H.P. **Wallflower Primrose Dame**—Quite distinct from all others; colour a pale lemon; forms a striking contrast to the dark varieties. 3d. per pkt.

W **Poppy**—See *Meconopsis*.



WHITLAVIA GLOXINIFLORA.

H.A. **Whitlavia Gloxiniflora Phacelia** (*Hydrophyllaceae*)—The fine Gloxinia-like blooms of these recommend them for flower beds and border decoration during both spring and summer. 1 ft. 3d. per pkt.



WIGANDIA CARACASANA.

H.H.P. **Wigandia Caracasana**, *syn. Macrophylla* (*Hydrophyllaceae*)—Useful as single specimens on the lawn and sub-tropical effect. 6 ft. 6d. per pkt.

Winter Cherry—See *Physalis*.

Cannell & Sons' Complete Seed Guide.

H.A. *Xeranthemum Annuum Superbissimum* (Composite) Immortelle—Beautiful violet-purple everlasting flowers, makes a grand effect in borders where the flowers succeed each other from June till late in the autumn. The cent flowers are peculiarly interesting and desirable as dried specimens; handsome bouquets may be formed of them for indoor decoration during the winter, if the blooms be gathered when upon the point of opening. 1½ ft. To be treated the same as the Aster. 3d. per pkt.

H.A. *Xeranthemum Annuum Superbissimum* fl. pl. Alba—Fine glohular heads of pure white flowers. 1½ ft. 3d. per pkt.

H.H.A. *Zinnia Elegans*, Single—Mixed. 6d. per pkt.

H.H.A. *Zinnia Elegans*, Double—Mixed. 6d. and 1s. per pkt.



XERANTHEMUM ANNUUM SUPERBISSIMUM. (EVERLASTING.)



ZINNIA.

In some seasons the first or early flowers of Zinnias do not come perfectly double, it is therefore best to allow a fair time to elapse before weeding them out.



ZEJA JAPONICA VARIEGATA.

CANNELLS' FINEST EXHIBITION DOUBLE ZINNIA.

H.H.A. *Cannells' Zinnias* (Composite) — These are amongst the most dazzling and durable of annuals, and the way in which they look best is in a bed or masses of mixed colours. Why many fail with them is in sowing them too soon, as they either get drawn or starved before it is safe to plant them out, or they get pinched with cold, and in either case they get such a check that they seldom recover. Any time in April is quite early enough to sow the seed, which ought to be sown in gentle heat to get it to germinate. As soon as the plants are up stand near the glass to keep them strong and stocky, and after being pricked out into boxes and well rooted, harden off gradually for a week or so ready to plant out in rows a foot apart, and the same distance from plant to plant. To grow well and enable them to stand dry weather Zinnias require a good soil which has been deeply dug with plenty of rotten manure worked in.

The Pumila varieties, which are dwarf and compact, are admirably adapted for pot plants. The single Zinnias are also very handsome, while it would be impossible to speak too highly of the double and single varieties of Haageana for heds, rockwork, and masses in the borders. The seeds are carefully selected from the finest and most perfect flowers only.

H.H.A. *Zinnia Haageana* fl. pl.—Habit similar to the single form known under the name of *Z. Haageana*, but its brilliant orange flowers are full, double, and regularly built; ought to be more grown. To be sown and grown the same as recommended for the Aster. 6d. per pkt.

H.H.A. *Zinnia Elegans Alba*, fl. pl.—A beautiful variety, producing magnificent double white flowers all through the season. 1½ ft. 6d. per pkt.

H.H.A. *Zinnia Elegans Pumila* fl. pl.—Great acquisition for ribbon borders, &c. Its flowers are perfectly double, and include many brilliant colours. Height, 12 to 15 inches. 1s. per pkt.

H.H.A. *Zinnia Grandiflora Robusta Plenissima*—Producing very large fine flowers of the richest shades of colour; vigorous, bushy growth. 2½ to 3 ft. 1s. per pkt.

H.H.A. *Zinnia Elegans Nana* fl. pl. *Striata*—As in the case of the tall double-striped varieties, the semi-dwarf class now offered comes about 50 per cent. true from seed, and includes in its range a great variety of very effective colours. 1s. per pkt.

H.H.A. *Zea Japonica Variegata* (Striped Japanese Maize)—A tree growing and very ornamental variety, attaining the height of 4 ft.; leaves broad, alternately striped with green and white, and one of the best ornamental foliage plants that we possess; invaluable for the centre of beds or borders. Sow in March. 3d. per pkt.

For Collections of Zinnias, see page 53.

Cannell & Sons' Complete Seed Guide.

FLORISTS' FLOWER SEEDS.

Should any amateur or gardener have seed of the above from a choice first-class strain, and would kindly send a fair sample of bloom for inspection, if satisfactory, H. CANNELL & SONS, DEALERS IN ALL KINDS OF FLORISTS' FLOWER SEEDS, would be glad to exchange or purchase the same.



ZINNIA HAAGEANA FL. PL.

CANNELLS' LIST OF PENNY PACKETS OF FLOWER SEEDS.

We are growers of Flower Seeds in large quantities, and of the very best quality in Europe, and now offer the following in Penny Packets for cottagers. Our facilities enable us to be more generous, and to send better seeds, than any other house in England.

12 packets post free; if less than 12 packets are ordered, extra stamps must be sent to cover the postage.

Adonis, Fios
Antirrhinum
Aster, Chinese, Mixed
Balsam, Double
Calliopsis Drummondii
Candytuft, White Rocket
 " Crimson
 " Mixed
Canterbury Bells, Mixed
Clarkia, Mixed
Collinsia Bicolor
Convolvulus Major, Mixed
 " Minor, Mixed
Cornflower, Mixed
Delphinium Elatum, Mixed
Digitals (Foxglove), Mixed
Erysimum Perovskianum

Erysimum Arkansanum
Eschscholtzia Californica
 " " Alba
Gilia Tricolor
Godetia Whitneyi
 " Mixed
Helichrysum, Mixed
Linum Grandiflorum Rubrum
Love-Lies-Bleeding
Marigold, African, Mixed
Mignonette
Myosotis (Forget-me-not) Blue
Nasturtium, Tall, Mixed
 " Dwarf, Mixed
Nemophila Insignis
 " Mixed

Ornamental Grasses
Pansy, Mixed
Papaver Somniferum, Double
 " Orientale
 " Umbrosum
Poppies, Mixed (annual varieties)
Saponaria Calabrica
Silene Pendula Mixed
 " " Ruberrima
Stock, Ten-Week, Mixed
Sunflower
Sweet William, Mixed
Virginian Stock, Mixed
Viscaria, Mixed
Wallflower, Single, Mixed
 " Blood Red

EVERLASTING FLOWERS,

Which see

Acroclium Hellpteryx
Ammobium Rhodanthe
Gnaphalium Statice
Gomphrena Waltzia
Helichrysum Xeranthemum

ORNAMENTAL FOLIAGE & SUB-TROPICAL PLANTS.

Acacia	Cannabis	Nicotiana
Amaranthus	Carduus	Perilla
Aralia	Cineraria	Ricinus
Beet	Datura	Salvia
Centaurea	Eucalyptus	Solanum
Chamaepuce	Grevillea	Wigandia
Cannas	Lavatera	Zea

CLIMBERS, ORNAMENTAL,

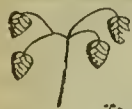
Which see

Cobaea	Maurandya
Convolvulus	Sweet Peas
Eceremocarpus	Thunbergia
Humulus	Tropaeolum
Lophospermum	

Cannell & Sons' Complete Seed Guide.

ORNAMENTAL GRASSES.

THESE beautiful, fine, feather-like Grasses are exceedingly ornamental, and are much grown—in fact, thousands are sold in Covent Garden, and they contrast most beautifully amongst high-coloured flowers either in pots or bouquets, winter and summer. Their culture is very simple: treat them similar to Asters, and they will be sure to give a charm to every garden. The following will be found the most useful:—



BRIZA GRACILIS.



BRIZA MAXIMA, OR QUAKING GRASS.



COIX LACHRYMA, OR JOB'S TEARS.



ERAGROSTIS ELEGANS, OR LOVE GRASS.



AGROSTIS PULCHELLA.



EULALIA JAPONICA ZEBRINA.



PENNISETUM.

- H.A. Agrostis Nebulosa—1½ ft. 3d. per pkt.
- H.A. Agrostis Pulchella—¾ ft. 3d. per pkt.
- H.A. Agrostis Minutiflora—1 ft. 6d. per pkt.

- H.A. Agrostis Plumosa—1½ ft. 3d. per pkt.
- H.A. Agrostis Steveni—1 ft. 6d. per pkt.

The above are very pretty varieties.

- H.A. Anthoxanthum Gracile—1 ft. 3d. per pkt.
- H.P. Arundo Conspicua—6 to 8 ft. 6d. per pkt. Fine for clumps.

- H.A. Avena Sterilis—3 ft. 3d. per pkt.
- H.A. Briza Geniculata—1 ft. 4d. per pkt.
- H.A. Briza Gracilis—1 ft. 3d. per pkt.
- H.A. Briza Maxima—1 ft. 3d. per pkt.
- H.A. Briza Spicata—1 ft. 1s. per pkt.
- H.A. Brizopyrum Siculum—¾ ft. 3d. per pkt.
- H.A. Bromus Brizæformis—2 ft. 3d. per pkt.

- H.A. Chloris Barbata—1½ ft. 3d. per pkt.
- H.A. „ Elegans—1 ft. 3d. per pkt.
- H.A. Chrysurus Cynosuroides—½ ft. 3d. per pkt.

- H.H.A. Coix Lachryma (Job's Tears)—1 ft. 3d. per pkt.

- H.A. Eragrostis Elegans—1½ ft. 3d. per pkt.
- H.A. Eragrostis Maxima—1½ ft. 6d. per pkt.
- H.A. Eragrostis Cylindriflora—2 ft. 3d. per pkt.

- H.P. Erianthus Ravenne—5 ft. 3d. per pkt.
- H.P. „ Violascens—5 ft. 6d. per pkt.

- H.P. Eulalia Japonica Zebrina—Valuable for grouping with lilies and aquatics round edges of ponds, &c. 3 ft. 1s. per pkt.

- H.P. Festuca Glaucæ—¾ ft. 6d. per pkt.
- H.P. Festuca Viridis—¾ ft. 3d. per pkt.
- H.A. Gynierium Argenteum—The well-known and beautiful Pampus Grass. 6 to 10 ft. 6d. per pkt.

- H.A. Hordeum Jubatum—1 ft. 3d. per pkt.

- H.H.P. Isotrips Gracilis—½ ft. 1s. per pkt.
- H.A. Lagurus Ovatus (Hare's Tail Grass)—1½ ft. 3d. per pkt.

- H.H.P. Panicum Sulcatum—1½ ft. 3d. per pkt.

- H.P. Panicum Altissimum—4 ft. 6d. per pkt.

- H.A. Pennisetum Longistylum (Villosum)—2 ft. 3d. per pkt.

- H.P. Stipa Elegantissima—2 ft. 6d. per pkt.

- H.P. Stipa Pennata—2 ft. 3d. per pkt.
- H.A. Trichocena Rosea—2 ft. 3d. per pkt.

- H.P. Uniola Latifolia—3 ft. 6d. per pkt.

- H.H.A. Zea Gracillima—2 to 4 ft. 4d. per pkt.

- H.H.A. Zea Japonica Variegata—Ornamental Maize. 5 to 6 ft. 3d. per pkt.

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CANNELLS' BULBS, &c., &c., for SPRING PLANTING.

ANEMONES.

Anemone, Double, mixed	...	1/0 per doz.	6/0 per 100.
„ Single	„	0/6 „	3/0 „
„ Fulgens	...	1/6 „	10/0 „
„ Double	...	2/0 „	12/0 „

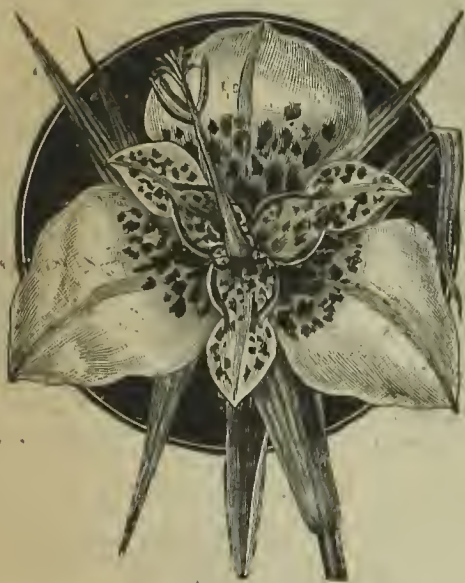
RANUNCULUS.

Ranunculus, Persian, mixed	...	0/6 per doz.	2/6 per 100.
„ Turban,	„	0/6 „	2/6 „

GLADIOLI.

		Per 100.	Per doz.
		s. d.	s. d.
Brenchleyensis, dazzling scarlet, very fine bulbs	...	5 0	1 0
Floribundus, white, striped and stained purple	...	10 0	1 6
Gandavensis, scarlet, with yellow throat	...	10 0	1 6
Gandavensis, best named hybrid varieties, each, 3d. to 1s.			
Gandavensis, seedling, equal to many named varieties	...	20 0	2 6
Lemoinei, creamy white, dashed crimson-maroon; hardy	...	6d.	5 0
Marie Lemoine, rosy blush, dashed crimson-maroon; hardy	...	6d.	5 0
Saundersii, salmon-scarlet and white; distinct and telling	...	1s.	—
Trimaculatus, rose, spotted white	...	1s.	—

TIGRIDIA (Mexican Tiger or Iris Lily).



TIGRIDIA PAVONIA GRANDIFLORA.

Natives of Mexico, producing flowers of exquisite beauty and singularly curious shape, the colour of each variety is gorgeous and finely contrasted; they bloom from July to October. Before the frost take up the bulbs, and keep in a dry place until the time of planting in March or April. The following are the most distinct and beautiful varieties:—

Pavonia Grandiflora Alba—Large ivory-white flowers, spotted with maroon and rosy lake in the centre, most beautiful when the bloom unfolds itself in the morning; recommended as a distinct and useful variety. 2s. 6d. per doz.

Pavonia Grandiflora—Is most beautiful when the bloom unfolds itself in the morning; from June until the frost sets in no flower so gorgeous or pretty was ever seen, but as the sun sets the flower ceases to exist, and the quantity produced is enormous. Beyond planting in the ordinary way of a Tulip, nothing more is required. 2s. per doz.

Conchiflora—Orange and golden yellow, spotted with dark crimson. 1s. 6d. per doz.

Pavonia—Rich scarlet, tinged and spotted with yellow. 1s. 6d. per doz.

Speciosa—Brick-red. 1s. 6d. per doz.

Wheelerii—Blood-red. 2s. per doz.

Mixed—2s. per doz.

TUBEROSES.

All who have our Tubers at once exclaim, “I have had nothing like them before.” The fact is we are large growers, and the secret is they are grown especially for us in a spot most congenial, which makes them unequalled in England.

CULTURAL DIRECTIONS.—Pot into 60's, place in 65° temperature bottom heat, keep moist until roots have made a growth, then increase the temperature to 80°. When full of roots re-pot into 6-inch pots, and place near the glass; after bloom spike appears, place them in a cooler house, and train up under the glass. They must be well syringed, and amply supplied with liquid manure.

For other choice bulbous plants—viz., *Begonias*, *Achimenes*, *Cyclamen*, *Glorinus*, and *Tropaeolums*—see our Floral Guide and Bulb Catalogues, both sent post free on application.



AMERICAN TUBEROSE.

American Tuberose (Double)—For choicest button-hole bouquets, &c., no other flowers are of more value at all seasons than the Tuberose, and should be used in succession in every forcing-house during the winter. 2s. per doz; 12s. per 100. For delivery about Christmas.

African Tuberose (Double)—Direct from the Cape; can highly recommend them. 2s. 6d. per doz.; 17s. 6d. per 100.

Cannell & Sons' Complete Seed Guide.

LILIES.



LILIUM HARRISII.

The best and most useful varieties in cultivation. S Guide.

Auratum (*The Golden-rayed Lily of Japan*)—One of the grandest of Lilies, 1s., 1s. 6d., 2s., and 2s. 6d. each; 9s., 12s., 18s., and 24s. per dozen. Bulbs in pots can be supplied if required.

Brownii—Interior pure white, exterior of a brownish shade; very fine. 3s. 6d. to 5s. 6d. each.

Bulbiferum Umbellatum—Crimson-scarlet, shading to yellow, thickly spotted. 2½ ft. 9d. each; 7s. 6d. per dozen.

Candidum (*The Old White Garden Lily*)—Still one of the best for forcing or borders, snow white. 4 ft. 3d. each; 2s. 6d. per dozen.

Longiflorum Harrisii—True (*The Bermuda, or Easter Lily*)—Flowers pure white, long and handsome; very free. 1s. to 2s. each; 10s. 6d. to 20s. per dozen.

DAHLIAS.



DAHLIA TUBERS.

The finest and best kept collection in the world.

The tubers can be sent by post to all parts of the globe. Capital presents to make to friends abroad.

30,000 Pot Roots for Propagation now ready for immediate delivery.

Our selection, 5s., 12s., and 18s. per dozen, from General Collection, as per "Floral Guide."

For varieties and descriptions, see Dahlia List.

MONTBRETIAS.



MONTBRETIAS.

Fine plants, flowering from July till frost sets in.

Invaluable for cut flowers.

	Each—s. d.
Crocsmæflora —Large one-sided spikes of brilliant orange per 100, 18s.	0 3
Crocsmæflora Aurea —Golden yellow, new and rare	1 0
" Elegans —Bright yellow and vermilion	1 0
" Pyramidalis —New-colour, apricot-salmon	1 0
" Sulphurea —Chrome yellow	1 0
Pottsii —Branching spikes of reddish crimson and orange flowers; very showy	per 100, 18s. 0 3

CHINESE SACRED LILY.

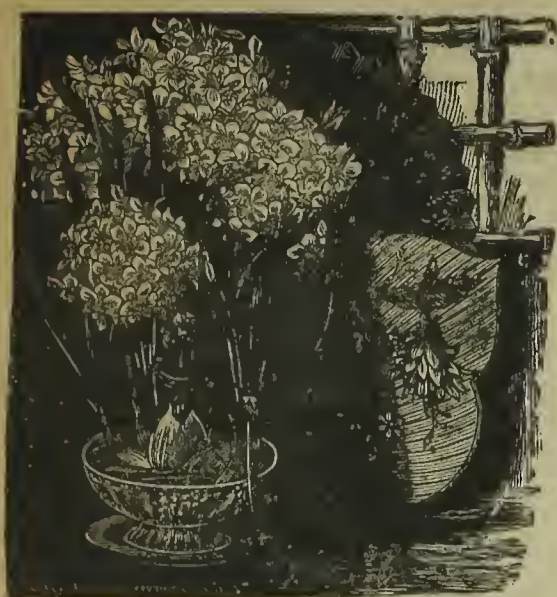
(*Narcissus Tazetta*.)

They may be grown either in soil in pots or water in a vase, but the latter method is to be preferred, as it lends itself more readily to artistic arrangement, and the bulbs bloom much earlier. They should be treated in the same way as Hyacinths, and can be planted at any time between October and March.

The flowers are exquisitely perfumed, and of a clear white colour, with bright yellow cup.

Cannell & Sons' Complete Seed Guide.

CHINESE SACRED LILY.



(*Narcissus tazetta*.)

Each bulb sends up six or more strong spikes, and in a moderately cool room will bloom in about eight or ten weeks from the time of planting.

Each, 1s. ; per doz., 9s.

We have imported a limited quantity of specially decorated Japanese bowls, as used in Japan for the cultivation of the Chinese Sacred Lily, which we can supply at the following prices so long as unsold.

1 bowl for 1 bulb ...	...	...	...	...	price 1s. 3d.
1 " 2 " ...	...	...	...	...	" 2s. 6d.
1 " 3 " ...	...	...	...	...	" 3s.
1 " 4 " ...	...	...	...	...	" 3s. 6d.
1 " 6 " ...	...	...	...	...	" 4s. 6d.

N.B.—The Chinese Sacred Lily sometimes produces double flowers.

GARDENING WORKS.

Book about Roses. By Rev. Canon Hole. 2s. 6d.; post free, 2s. 9d.

Book on the Garden. Revised edition in March. By T. W. Sanders. 2s. 6d.; post free, 2s. 9d.

Book on Vines. By A. Barron. 5s.; by post, 5s. 6d.

Carnations and Picotees. By E. S. Dodwell. Cloth, 2s. 6d.; post free, 2s. 8d.; and Paper, 1s. 6d.; post free, 1s. 7d.

Chrysanthemums and Their Culture. By E. Molyneux. 1s.; post free, 1s. 2d.

English Wild Flowers. By J. T. Burgess. 1s.; post free, 1s. 3d.

Ferns. By J. Birkenhead. 1s.; post free, 1s. 3d.

Hampton Court Guide. 1s.; post free, 1s. 3d.

Mushrooms. By J. Wright. 1s.; post free, 1s. 2d.

Orchids. By L. Castle. 2s.; post free, 2s. 3d., cloth.

Profitable Fruit Growing. By J. Wright. 1s.; post free, 1s. 3d.

Rose Growing. By D. Gilmour. 1s.; post free, 1s. 2d.

The Pansy, and How to Grow It. By J. Simkins. 1s. 6d.; post free, 1s. 8d.

Tomato Growing. By W. Iggulden. 1s.; post free, 1s. 3d.

Tuberous Begonias. By B. Wynne. 1s.; post free, 1s. 3d.

HARDY PLANTS.

FOR EARLY SPRING BEDDING AND
DECORATION OF FLOWER GARDEN.

Adonis Vernalis.

Anemone Fulgens.

Anemone Pulsatilla.

Alyssum Saxatile.

Arabis Albida.

Arabis Variegata.

Aubrietias.

Daisies, of various colours.

Gentianas.

Hepaticas.

Iberis (Candytuft).

Myosotis, of sorts.

Pansies, of sorts.

Phloxes.

Polyanthus.

Primroses, Double.

Primroses, Single.

Pyrethrum, Golden.

Silene Pendula.

Silene Compacta.

Violas, in vars.

Wallflowers.

See description of above in our *Floral Guide*.

Primulas from your seed were grand. I had blooms $2\frac{3}{4}$ inches across, and plants 3 feet from tip to tip.

I had 100 plants in 6-inch pots from a packet of your Primula seed. Never saw better.

Your seeds are the best I ever had. I took First Prize for Verbenas and Pelargoniums against named varieties.

GARDENERS.

Our Mr. H. Cannell, Senr., gives personal daily attention to all applications for Gardeners; his wide connection, and being a large employer, makes him either personally or intimately acquainted with most of the best practical and deserving men in the country, and he would feel a real pleasure in assisting and fitting in the right man to fill the situation for which any lady or gentleman may require him.

Cannell & Sons' Complete Seed Guide.



NIPHETOS.

PRICES OF ROSES.

WHEN THE SELECTION IS LEFT TO US:—

Standards and Half-Standards, best sorts, and well varied, 18s. to 24s. per dozen.

Dwarfs on the Brier, extra strong good varieties, 9s. per dozen; £3 10s. per 100.

Dwarf Teas, varieties, from open ground, 15s. per dozen. Extra fine plants in pots, 18s., 24s., and 30s. per dozen.

Hybrid Perpetuals in pots, good strong plants, 18s. per dozen.

Amateurs selecting their own are respectfully requested to add to their orders a few supplementary sorts, lest by previous orders the stock of any particular variety should be exhausted, this being especially necessary late in the season.



FOR FULL DESCRIPTION OF
ALL THE BEST KINDS,

see our AUTUMN CATALOGUE.

We have one of the largest
and finest collections of Roses
in England—

10 acres; 5,000 in pots.

MARECHAL NIEL,

8 ft. to 12 ft. high. 3s. 6d., 5s., and 8s. each.

ESTABLISHED PLANTS in 6-inch pots, of all the finest Tea-scented varieties, grown especially for Conservatories. 30s. to 42s. per dozen.

Extra Strong Plants, in pots for forcing, always in bud—NIPHETOS, CATHERINE MERMET, SOUVENIR D'UN AMI, PERLE DES JARDINS, THE BRIDE, ISABELLA SPRUNT, MADAME FALCOT. 2s. 6d. and upwards.

Extra Strong Plants of NIPHETOS, full of buds, 3 and 4 feet high, 7s. 6d. and 10s. 6d. each. Special Prices for Large Quantities to the Trade.

Climbing Roses, specially grown in pots for training on walls and rafters, for Conservatory and Out-door Planting. 3s. 6d. to 5s. each.

BY POSTAL TRANSIT.

SEEDLINGS, WHEN READY.

Small size.

Large size.

Primula sinensis, in variety, from July ... 1s. 6d. per doz. 2s. 0d. per doz.

Primula Fern-leaved, ditto, ditto ... 3s. 0d. ,, 3s. 6d. ,,

Calceolarias, ditto, from Sept. ... 1s. 6d. ,, 2s. 0d. ,,

SEEDLINGS, WHEN READY.

Small size.

Large size.

Cinerarias, in variety, from July ... 1s. 4d. per doz. 2s. 0d. per doz.

Pansy, finest show, ditto, always ... 1s. 0d. ,, 2s. 0d. ,,

Antirrhiums, ditto, always ... 1s. 0d. 1s. 6d. ,,

Cannell & Sons' Complete Seed Guide.

Select Grape Vines



GRAPE VINES we grow very extensively; four of our 100-foot houses are filled with them early in the spring, and afterwards (the houses) used for drying seeds during August and September. Each year we have some unsold from the preceding year's sale; these are shifted from the 9 and 10-in. pots into boxes filled with well-prepared soil, and make strong growth from 12 to 18 feet long, carrying bunches of Grapes. These are of great importance when a house is required to be filled at once. At all seasons these Vines, if planted intact and laid sideways, together with two feet of stem, six inches below the surface, will at once put forth young fresh roots. By having these a season's planting will be saved, and fruit at once. 10s. to 12s. each.

We have also a large quantity planted out, four years old, with very large strong canes for immediate cropping. Would fill a house the first season if planted in a similar way in good soil.

Alicante—Black, bunches large; a fine late variety.

Alnwick Seedling—Black, large oval berries; rich flavour.

Barbarossa—Black, produces enormous bunches, and hangs late.

Black Hambro'—A delicious Grape, best for general use.

Bowood Muscat—A first-class variety.

Buckland Sweetwater—White, an excellent early Grape.

Calabrian Raisin.

Chasselas Musque.

Duke of Buccleuch—Amber; largest white-berried Grape in cultivation; good companion to *Black Hambro'*.

Foster's Seedling—White; early and good.

Golden Queen—Amber; bunches large, flesh firm.

Gros Colmar—Black, late; very large berries.

Gros Maroc—Black.

Gros White Maroc—White.

Lady Downe's Seedling—Black, late; hanging, firm flesh.

Madresfield Court—Black; well suited for cool vinery.

Mrs. Pince's Black Muscat—Fine colour; late.

Muscat of Alexandria—White; requires heat; late.

Muscat Hambro'—Black; Muscat flavour.

Royal Muscadine—White; early, and one of the best for a wall outside.

Sweetwater—Old white, a sweet and refreshing white Grape; succeeds in the open air.

Trebbiano—White; large, good; late.

West's St. Peters.

Fine Grown Canes, 5s., 7s. 6d., and 10s. 6d. each.



CHRYSANTHEMUMS.

OF these we have the largest, finest, and best kept collection in the world. For full particulars send for our special Catalogue, which is acknowledged to be very much the best book on the whole family ever published. Sent post free for 4d. Customers free.

List of New Varieties, see fore part of Plant Catalogue.



Cannell & Sons' Complete Seed Guide.

GRAND NEW STRAWBERRY.

"GEORGE RUNDLE."

An Improvement on "British Queen."



The above-named gentleman, residing at Stoke, Devonport, the raiser of the well-known lovely white Chrysanthemum *Mrs. George Rundle*, and which has now been admired for many years, must be included with the very few genuine amateur raisers who love their gardens always with the purest intentions, and doing all that is possible to benefit horticulture. He has raised many seedling Strawberries, but this is the gem; he says, for a new variety this possesses above and beyond what most other new sorts cannot lay claim to, and that is, "an advance on all other kinds." Like us, he is an admirer of *British Queen*—that lady and Strawberry seem to have become noted about the same time—no other bore comparison to its lovely flavour until *George Rundle* made its appearance. This has the same delicious taste, large cockcomb-shaped fruit, and its pleasant juicy flavour reminds one, after it is down, of a glass of wine, causing one to smack the lips for another and another, instead of looking round for the sugar to reduce the acidity. It is certainly in the same way, and a great improvement on *British Queen*, Dr. Hogg, &c.

DESCRIPTION.—Fruit and colour like *British Queen*, light red, large size, often weighing more than an ounce; strong grower, distinct dark green foliage, and fruiting freely. As a new Strawberry it will soon recommend itself as being the best distinct variety yet raised for eating since *British Queen*, and producing three times the quantity of fruit. 2s. each; four plants, 6s.; eight plants, 9s.; twelve plants, 10s. 6d.



We respectfully solicit orders for ours, the finest plants and most complete collection in England. Swanley is the largest and best Strawberry-growing district in the world.

Eight Acres grown entirely for the Runner Plants, at a distance of 4 ft. from plant to plant, on purpose so that every plant is true.

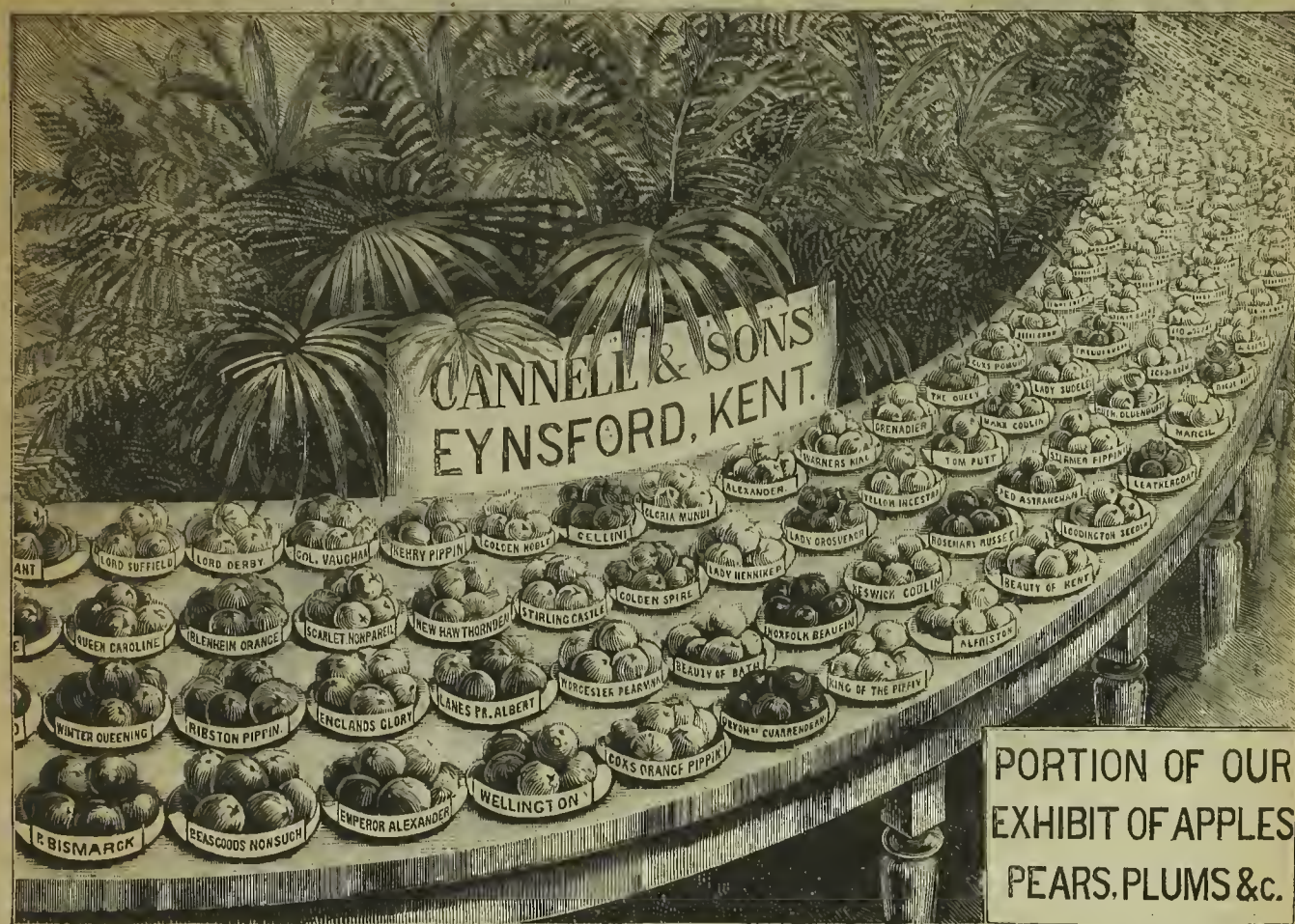
Strawberries, like Potatoes, are always more fruitful when given a change of soil, consequently success depends a good deal on having runners from a purely different soil.

Our Establishment being located in the midst of hundreds of acres of all the best Strawberries and Raspberries enables us to offer fine plants and good sure-cropping kinds at the lowest prices.

Swanley has again this season far excelled all other localities for its quantity and quality of fruit. Rooted Runners from fruiting plants, all best rooted and picked, 5s. per 100; in small pots, to fruit the first season, 12s. to 14s. per 100; in 5 and 6-inch pots, for forcing, 25s. to 40s. per 100.

Special Prices per 1,000, 50,000, and 100,000.

Cannell & Sons' Complete Seed Guide.



OLD AND YOUNG SHOULD EAT APPLES.

THE VALUE OF APPLES AS FOOD.

There is probably a good dietetic reason underlying our accepted use of apples, or apple sauce, with pork, rich goose, Yorkshire pasty, mince-meat, and similar dishes. Apples have excellent medical qualities. Chemically, the apple is composed of vegetable fibre, albumen, sugar, gum, chlorophyll, mallic acid, gallic acid, lime, and much water. Furthermore, the German analysts say that the apple contains a larger percentage of phosphorus than any other fruit or vegetable. The phosphorus is admirably adapted for renewing the essential nervous matter, lecithin, of the brain and spinal cord. It is, perhaps for the same reason, rudely understood that the old Scandinavian traditions represent the apple as the food of the gods, who, when they felt themselves to be growing feeble and infirm, resort to this fruit for renewing their powers of mind and body. The acids of the apple are of signal use to men of sedentary habits, whose livers are sluggish in action, those acids serving to eliminate from the body noxious matters, which, if retained, would make the brain heavy and dull, or bring about jaundice or skin eruptions or similar troubles. The mallic acid of ripe apples (either raw or cooked) will neutralise any excess of chalky matter engendered by eating too much meat. It is also a fact that such fresh fruits as the apple, the pear, and the plum, when taken ripe and without sugar, diminish acidity in the stomach rather than provoke it. Their vegetable sauces and juices are converted into alkaline carbonates, which tend to counteract acidity.

DAILY CHRONICLE.

Messrs. H. Cannell and Sons, Swanley, had a large exhibition of fruit in the main building, illustrating unmistakably Kentish culture, proved very interesting. Silver Medal was awarded.

DAILY GRAPHIC.

Messrs. Cannell showed an admirable and complete collection of apples and other fruit, the whole showing unmistakable evidence of the superior culture of Kentish gardens.

THE GARDEN.—September 30th, 1893.

Messrs. Cannell and Sons, Swanley, occupied a large space showing a collection of apples. The best dishes were Colonel Vaughan, Scarlet Nonpareil, Cox's Orange, Queen Caroline, Emperor Alexander, King of the Pippins, and some seedlings of great merit. Silver Knightian Medal.

THE GARDENERS' MAGAZINE.—September 30th, 1893.

Messrs. H. Cannell and Sons, Swanley and Eynsford, exhibited a large collection of apples which showed how well suited their nurseries at Eynsford are for these fruits. The examples were throughout above the average in size and very highly coloured. The Council awarded it a Silver Knightian Medal. (Royal Horticultural Society's Show.)

Messrs. Cannell had an excellent collection of fruit. (Earl's Court Show.)

Cannell & Sons' Complete Seed Guide.

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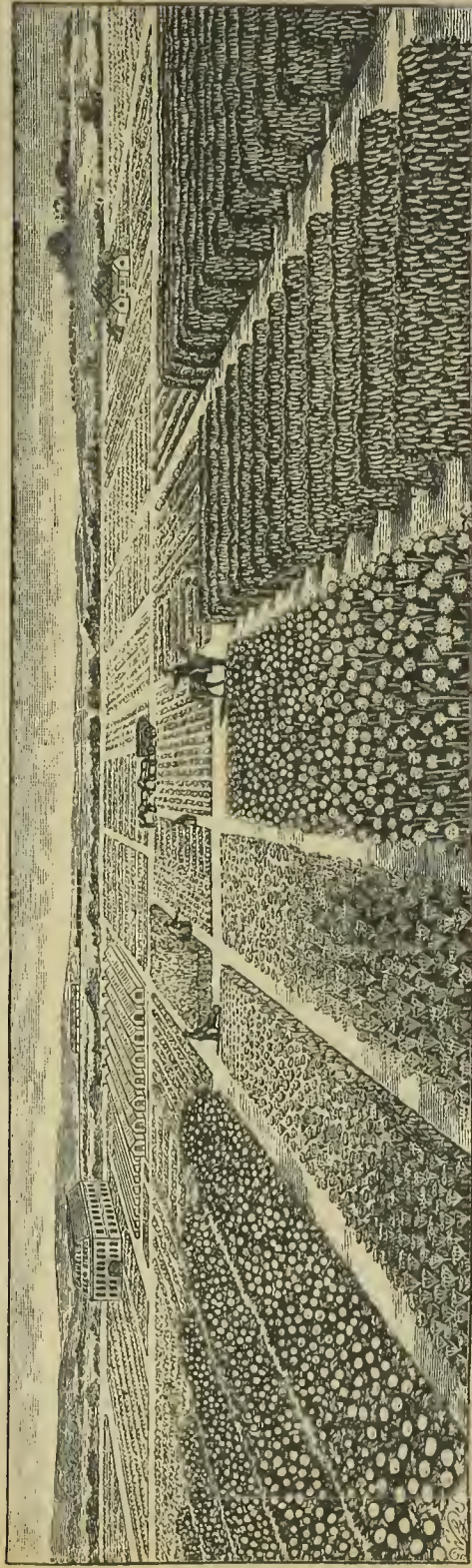
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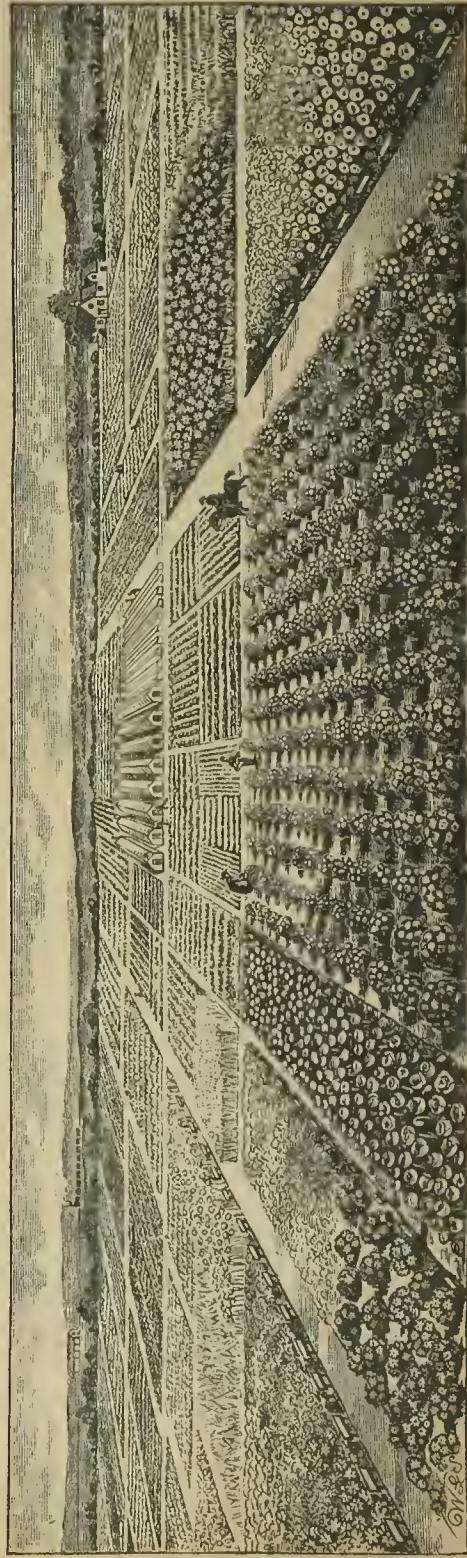


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